CR-171999

DOC. TYPE 2
MGT. CODE OM

SISO-UG-001

p-88

USER'S GUIDE

CALIBRATED ANCILLARY SYSTEM (CAS)

VOLUME VII

- Data Flow Engineer Mission Planning Procedures

PREPARED BY

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Space Information Systems Operation

CONTRACT NAS 9-15014
DRL LI 81

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LYNDON B. JOHNSON SPACE CENTER

(NASA-CR-171999) CALIBRATED ANCILLARY SYSTEM (CAS) USER'S GUIDE, VOLUME 7 (Ford Aerospace and Communications Corp.) 88 p
Avail: NTIS HC A05/MF A01 CSCL 09B
N87-28291
Unclas
G3/61 0092945

31 MAY 1986

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DFE USER PROCEDURES

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LOGGING ON PROCEDURES

LOGGING ON PROCEDURES

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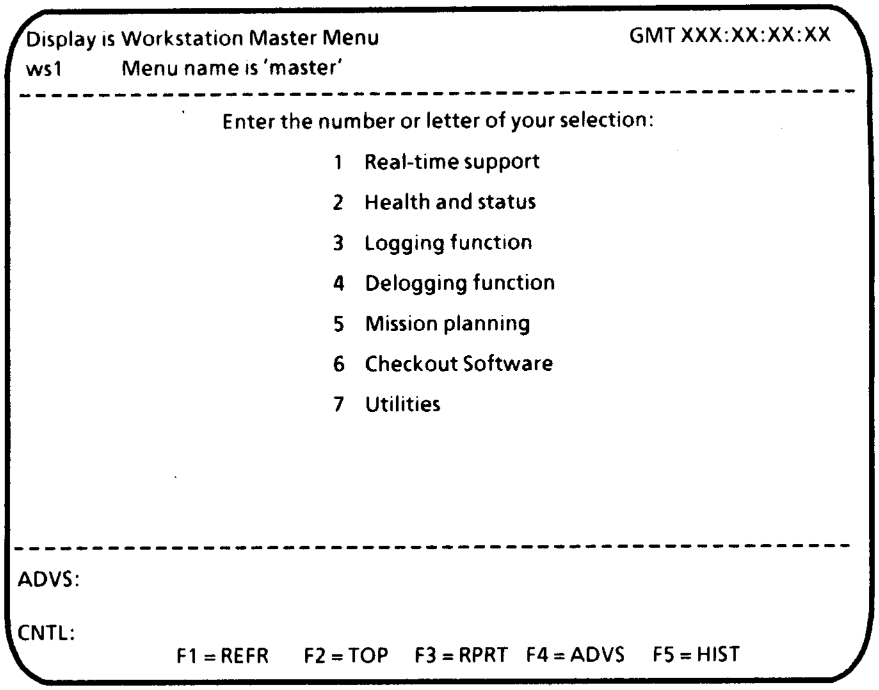
CALLING UP MISSION PLANNING MENU

DESCRIPTION

- CALLING UP MISSION PLANNING MENU

  User must be logged on. (Refer to chapter 4, section 1.)

DISPLAY



```
Display is Workstation Master Menu                         GMT XXX:XX:XX:XX
ws1        Menu name is 'master'
----------------------------------------------------------------------------
                  Enter the number or letter of your selection:
                          1   Real-time support
                          2   Health and status
                          3   Logging function
                          4   Delogging function
                          5   Mission planning
                          6   Checkout Software
                          7   Utilities

----------------------------------------------------------------------------
ADVS:
CNTL:
         F1 = REFR    F2 = TOP    F3 = RPRT   F4 = ADVS    F5 = HIST
```

PROCEDURE

- Observe workstation master menu appears on screen.
  - – – Type 5.
- Observe mission planning menu appears on screen.
- OR
- Observe workstation master menu appears on screen.
  - – – Type M.
  - – – Press <RETURN>.
- Observe mission planning menu appears on screen.

PROCEDURE (Cont.)

- OR
- Observe workstation master menu appears on screen.
  - – – Type menu mp.
  - – – Press <RETURN>.
- Observe mission planning menu appears on screen.

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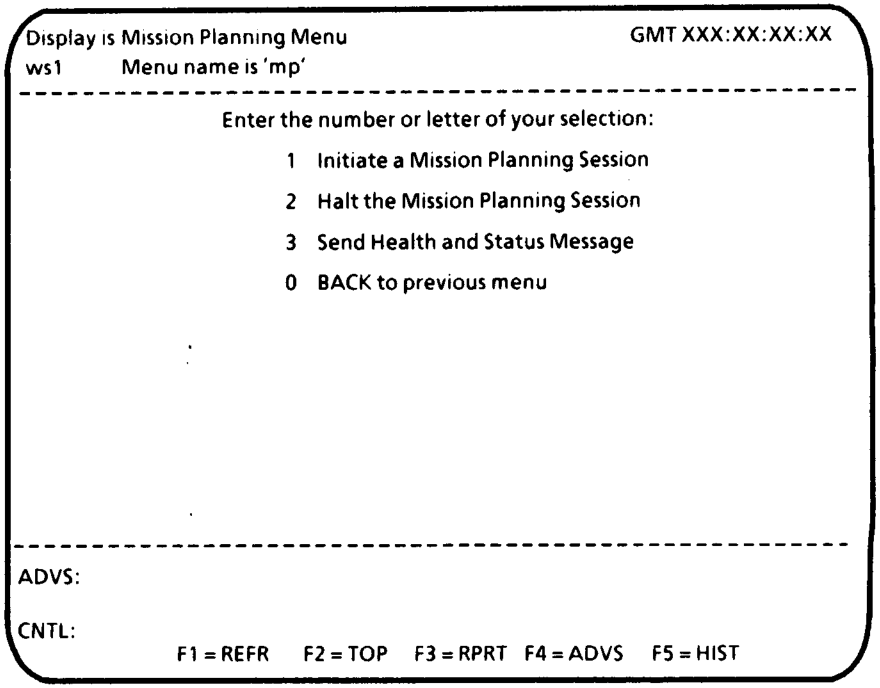
DESCRIPTION

- CALLING UP MISSION PLANNING MENU (Cont.)

  Mission planning menu. Select desired menu item by typing associated number.

DISPLAY



```
Display is Mission Planning Menu                          GMT XXX:XX:XX:XX
ws1     Menu name is 'mp'
--------------------------------------------------------------------------
                    Enter the number or letter of your selection:
                          1  Initiate a Mission Planning Session
                          2  Halt the Mission Planning Session
                          3  Send Health and Status Message
                          0  BACK to previous menu



--------------------------------------------------------------------------
ADVS:

CNTL:
        F1 = REFR   F2 = TOP   F3 = RPRT  F4 = ADVS   F5 = HIST
```

PROCEDURE

- To select menu item.
  - – – Type <u>(associated number)</u>.
- Observe menu associated with selected menu item appears on screen.

INITIATING MISSION PLANNING SESSION

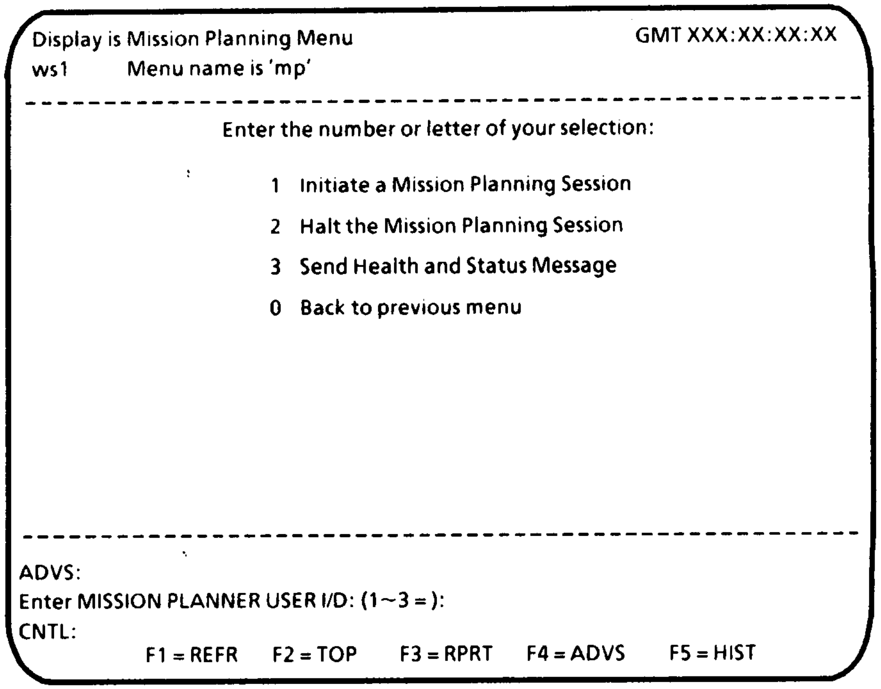
DESCRIPTION

- ### INITIATING MISSION PLANNING SESSION PROCEDURES

  Begin a mission planning session.

  There are three mission planning main menus, one for each category of user identification codes (GSFC user, testing user, and DFE user). Main menu that is called up depends on user ID entered.

DISPLAY



```
Display is Mission Planning Menu                                GMT XXX:XX:XX:XX
ws1       Menu name is 'mp'
--------------------------------------------------------------------------------
                    Enter the number or letter of your selection:

                         1  Initiate a Mission Planning Session
                         2  Halt the Mission Planning Session
                         3  Send Health and Status Message
                         0  Back to previous menu

--------------------------------------------------------------------------------
ADVS:
Enter MISSION PLANNER USER I/D: (1~3 = ):
CNTL:
          F1 = REFR    F2 = TOP    F3 = RPRT    F4 = ADVS    F5 = HIST
```

PROCEDURE

- To initiate mission planning session:

  - -Type 1.

  - -Observe P/R line: **Enter MISSION PLANNER USER I/D: (1~3 ■):**

  - -Type (applicable ID).

  - -Press <RETURN>.

- Or, to initiate mission planning session:

  - -Type I.

  - -Press <RETURN>.

  - -Observe P/R line: **Enter MISSION PLANNER USER I/D: (1~3 ■):**

  - -Type (applicable ID).

  - -Press <RETURN>.

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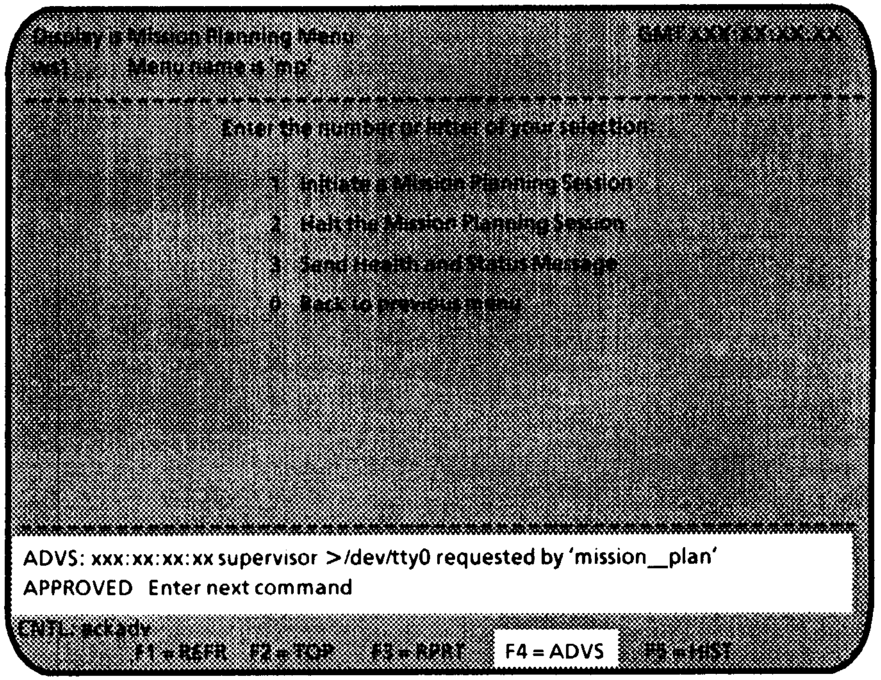
DESCRIPTION

- INITIATING MISSION PLANNING SESSION PROCEDURES (Cont.)

DISPLAY



```
Display is Mission Planning Menu                GMT XXX:XX:XX:XX
ws1        Menu name is 'mp'
-----------------------------------------------------------------
              Enter the number or letter of your selection:

                   1  Initiate a Mission Planning Session
                   2  Halt the Mission Planning Session
                   3  Send Health and Status Message
                   0  Back to previous menu

-----------------------------------------------------------------
ADVS: xxx:xx:xx:xx supervisor >/dev/tty0 requested by 'mission__plan'
APPROVED   Enter next command
CNTL: ackadv
        F1 = REFR   F2 = TOP   F3 = RPRT   F4 = ADVS   F5 = HIST
```

PROCEDURE

- Observe **F4 = ADV** is highlighted.

  -- Press <F4>.
- Observe advisory:

  xxx:xx:xx:xx supervisor >/dev/tty0 requested by 'mission__plan'
- Observe P/R line: **APPROVED. Enter next command**
- Observe screen momentarily goes blank.
- Observe applicable mission planning main menu appears on screen. (In this case, DFE user mission planning main menu.)

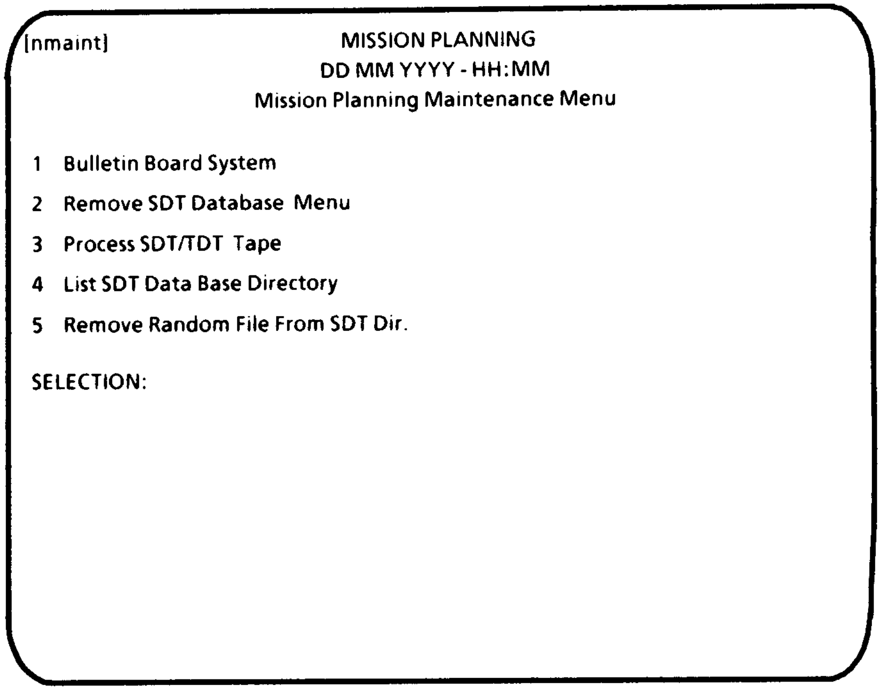
ORIGINAL PAGE IS
OF POOR QUALITY

DESCRIPTION

- INITIATING MISSION PLANNING SESSION PROCEDURES (Cont.)

DFE user mission planning main menu.

DISPLAY



```
[nmaint]                     MISSION PLANNING
                          DD MM YYYY - HH:MM
                    Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- (None).

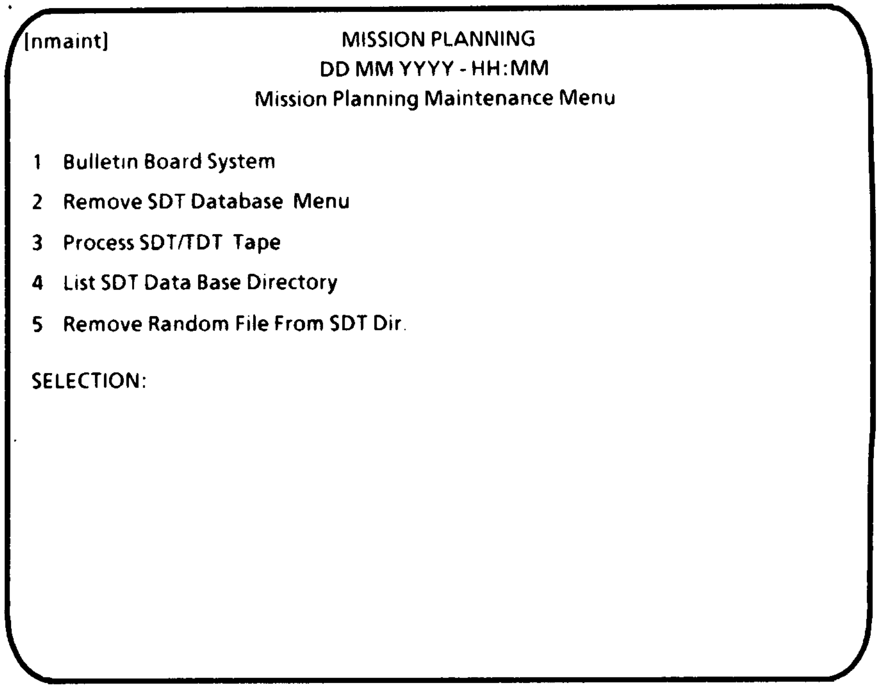
HALT MISSION PLANNING PROCEDURE

DESCRIPTION

- HALT MISSION PLANNING PROCEDURE

  To halt mission planning, DFE user mission planning menu must be displayed.

DISPLAY



```
[nmaint]                    MISSION PLANNING
                         DD MM YYYY - HH:MM
                   Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

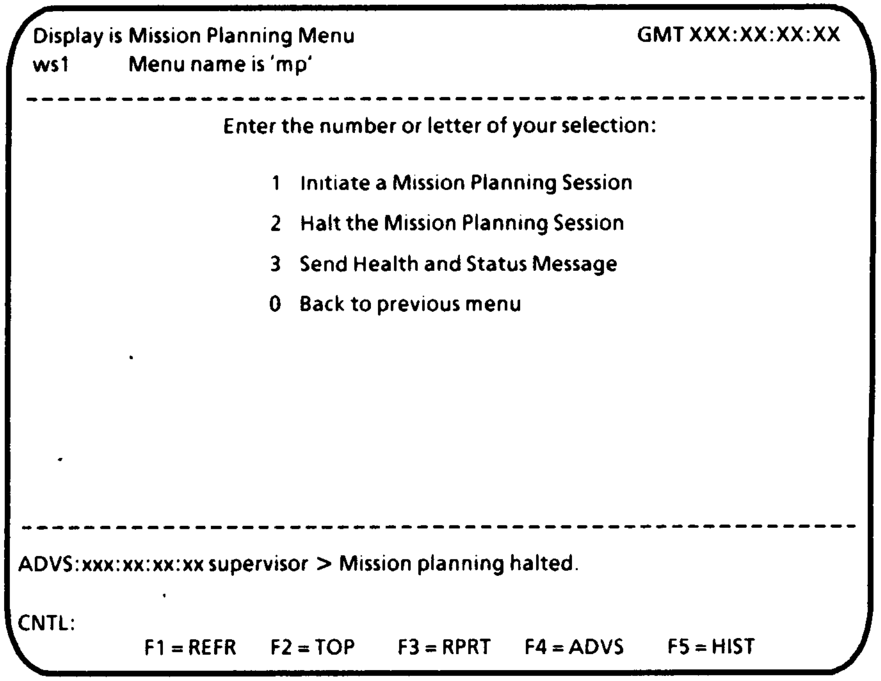
PROCEDURE

- To return to mission planning menu:
  - –Press <CTRL> + <U>.
  - –Observe mission planning menu appears.

DESCRIPTION

- HALT MISSION PLANNING PROCEDURE (Cont.)

DISPLAY



```
Display is Mission Planning Menu                      GMT XXX:XX:XX:XX
ws1       Menu name is 'mp'
----------------------------------------------------------------------
                Enter the number or letter of your selection:

                    1  Initiate a Mission Planning Session
                    2  Halt the Mission Planning Session
                    3  Send Health and Status Message
                    0  Back to previous menu

----------------------------------------------------------------------
ADVS:xxx:xx:xx:xx supervisor > Mission planning halted.

CNTL:
          F1 = REFR   F2 = TOP   F3 = RPRT   F4 = ADVS   F5 = HIST
```

PROCEDURE

- To halt mission planning:
  - --Type 2.
  - --Observe following advisory appears:

xxx:xx:xx:xx supervisor > Mission planning halted.

SENDING HEALTH AND STATUS MESSAGE PROCEDURE

DESCRIPTION

- **SENDING HEALTH AND STATUS PROCEDURE**

  Mission planning status is sent as a health and status message to CSAC.

  Health and status messages are sent:

  After initializing a Mission planning session

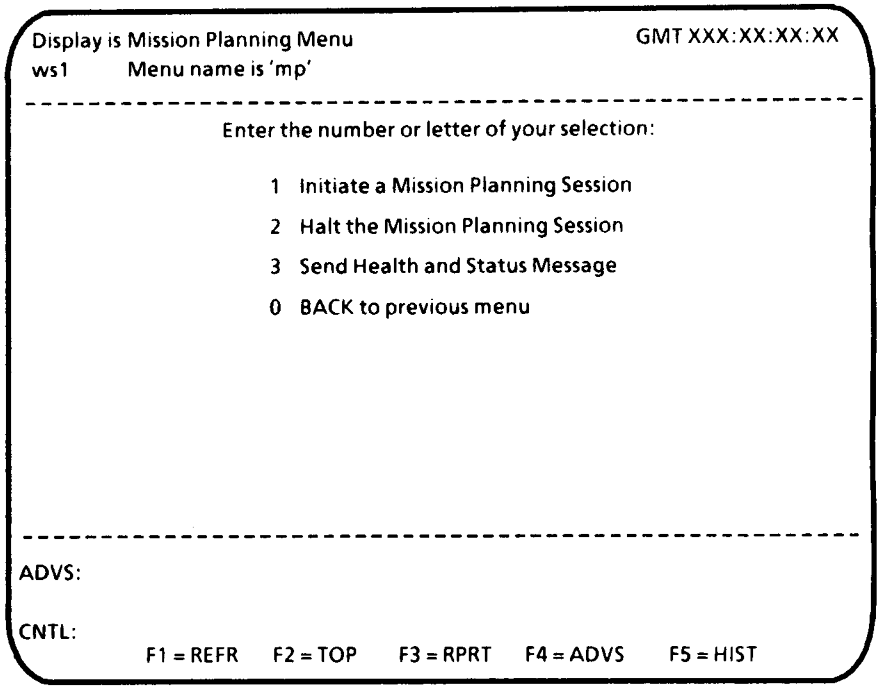
  After any major processing event

  After any input/output intensive event

  Before process termination

  Before a command in command queue is processed.

DISPLAY



```
Display is Mission Planning Menu                          GMT XXX:XX:XX:XX
ws1        Menu name is 'mp'
--------------------------------------------------------------------------
                 Enter the number or letter of your selection:

                      1  Initiate a Mission Planning Session
                      2  Halt the Mission Planning Session
                      3  Send Health and Status Message
                      0  BACK to previous menu

--------------------------------------------------------------------------
ADVS:

CNTL:
        F1 = REFR   F2 = TOP   F3 = RPRT   F4 = ADVS   F5 = HIST
```

PROCEDURE

- To send health and status:

  - -Type 3.

DFE USER MISSION PLANNING PROCEDURES

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BULLETIN BOARD SYSTEM PROCEDURES

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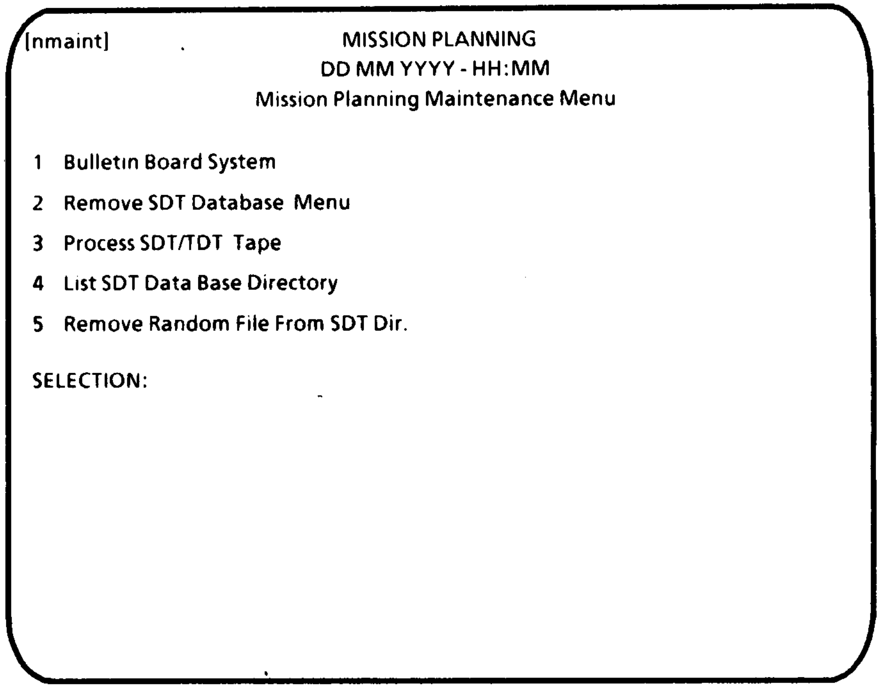
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES

  DFE USER MISSION PLANNING MAIN MENU.

  Bulletin board system is divided into three boards: system status board, critical message board, and user message board.

DISPLAY



```
[nmaint]                MISSION PLANNING
                     DD MM YYYY - HH:MM
              Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To call up bulletin board system:

  --Type 1.

  --Press <RETURN>.
- Observe system status board SDT/TDT status screen appears.
- To return to mission planning main menu:

  --Press <CTRL> + <U>.

SYSTEM STATUS BOARD PROCEDURE

DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

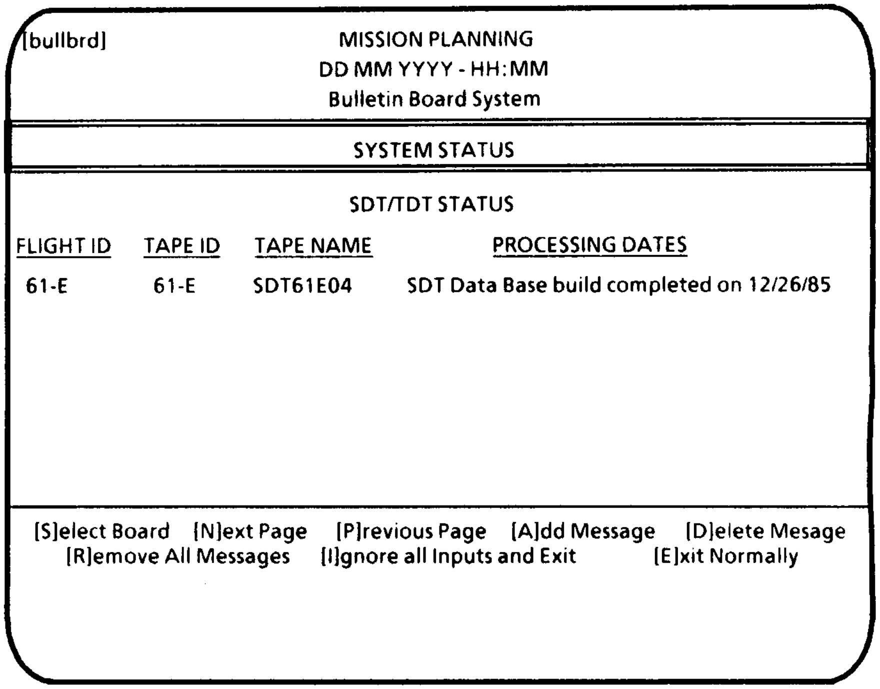
  SYSTEM STATUS BOARD SDT/TDT STATUS SCREEN.

  System status bulletin board contains SDT/TDT processing status, GSFC processing status, and NDD support file status.

  Next page and previous page commands shift through pages within the board.

  Select board command displays next board.

DISPLAY



```
[bullbrd]                 MISSION PLANNING
                        DD MM YYYY - HH:MM
                        Bulletin Board System

                          SYSTEM STATUS

                          SDT/TDT STATUS
FLIGHT ID   TAPE ID   TAPE NAME        PROCESSING DATES
 61-E        61-E     SDT61E04    SDT Data Base build completed on 12/26/85

[S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
  [R]emove All Messages  [I]gnore all Inputs and Exit       [E]xit Normally
```

PROCEDURE

- To select next page:

  --Type N.

  --Press <RETURN>.
- To select previous page:

  --Type P.

  --Press <RETURN>.
- To select next board:

  --Type S.

  --Press <RETURN>.

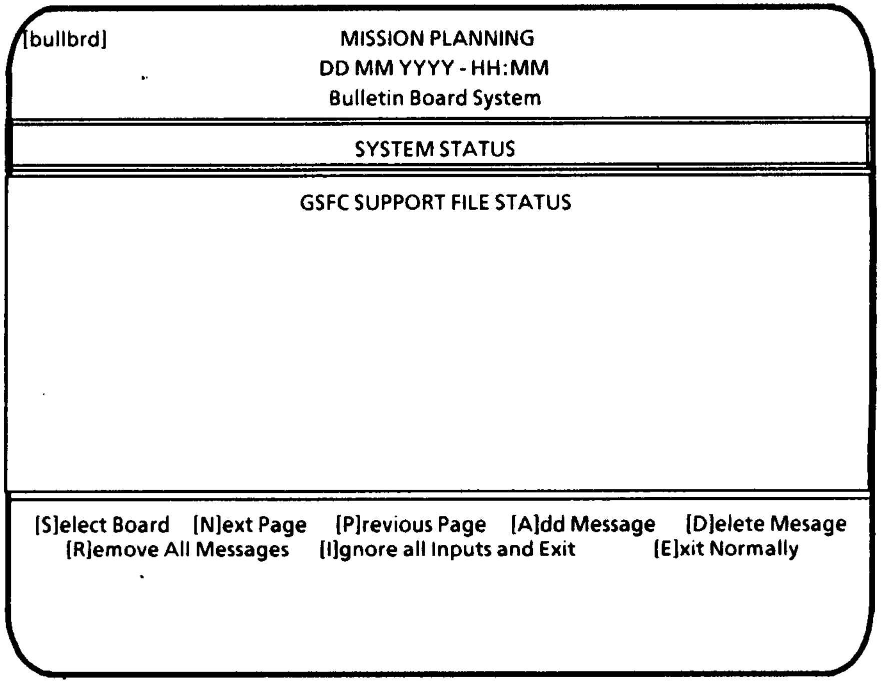
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  SYSTEM STATUS BOARD GSFC SUPPORT FILE STATUS SCREEN.

  GSFC processing status.

DISPLAY



```
[bullbrd]                MISSION PLANNING
                      DD MM YYYY - HH:MM
                       Bulletin Board System
                           SYSTEM STATUS
                    GSFC SUPPORT FILE STATUS

[S]elect Board   [N]ext Page   [P]revious Page   [A]dd Message   [D]elete Mesage
   [R]emove All Messages   [I]gnore all Inputs and Exit        [E]xit Normally
```

PROCEDURE

- To select next page:

  --Type N.

  --Press <RETURN>.

- To select previous page:

  --Type P.

  --Press <RETURN>.

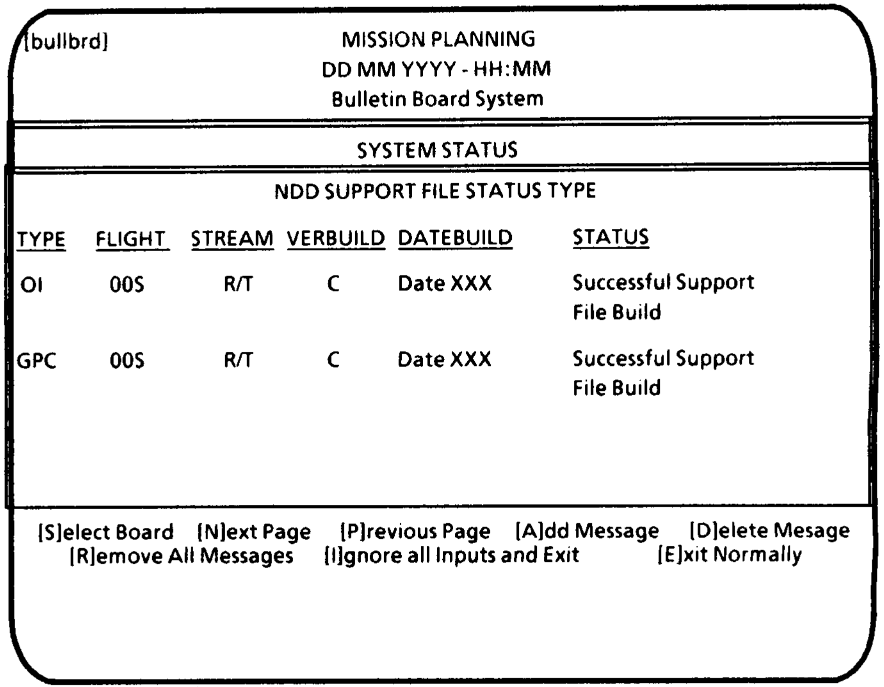
DESCRIPTION

- **BULLETIN BOARD SYSTEM PROCEDURES (Cont.)**

SYSTEM STATUS BOARD NDD SUPPORT FILE STATUS SCREEN.

NDD support file status.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                          Bulletin Board System

                             SYSTEM STATUS
                      NDD SUPPORT FILE STATUS TYPE
TYPE  FLIGHT  STREAM  VERBUILD  DATEBUILD   STATUS
OI     00S     R/T       C      Date XXX    Successful Support
                                            File Build
GPC    00S     R/T       C      Date XXX    Successful Support
                                            File Build

 [S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
   [R]emove All Messages  [I]gnore all Inputs and Exit        [E]xit Normally
```

PROCEDURE

- To select previous page:

--Type P.

--Press <RETURN>.

- To select next board:

--Type S.

--Press <RETURN>.

CRITICAL MESSAGE BOARD PROCEDURE

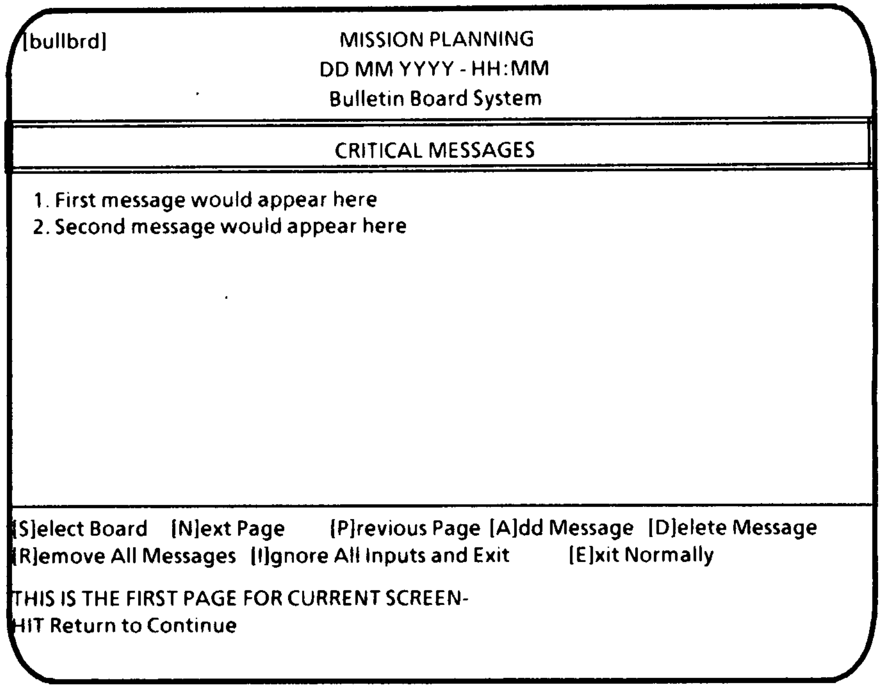
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD FIRST PAGE SCREEN.

  Going to Previous Page.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                           DD MM YYYY - HH:MM
                          Bulletin Board System
                            CRITICAL MESSAGES
 1. First message would appear here
 2. Second message would appear here

[S]elect Board   [N]ext Page     [P]revious Page [A]dd Message  [D]elete Message
[R]emove All Messages  [I]gnore All Inputs and Exit      [E]xit Normally

THIS IS THE FIRST PAGE FOR CURRENT SCREEN-
HIT Return to Continue
```

PROCEDURE

- To go to previous page:

  --Type P.

  --Press <RETURN>.

- If first page is displayed, following message appears:

  THIS IS THE FIRST PAGE FOR CURRENT SCREEN - Hit Return to Continue

  --Press <RETURN>.

DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD SCREEN.

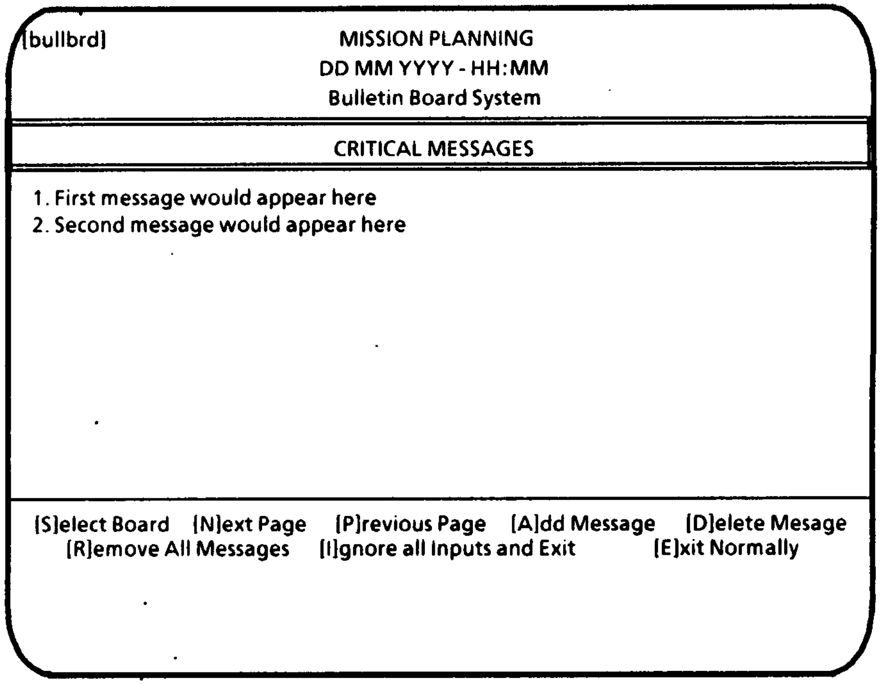
  Critical messages are limited to 72 characters per line.

  There is a maximum of 20 message lines available.

  When maximum lines is reached, user is prompted:

  NO MORE ROOM FOR MESSAGES - HIT RETURN TO CONTINUE

DISPLAY



```
[bullbrd]                MISSION PLANNING
                        DD MM YYYY - HH:MM
                      Bulletin Board System

                        CRITICAL MESSAGES

1. First message would appear here
2. Second message would appear here

[S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
   [R]emove All Messages  [I]gnore all Inputs and Exit   [E]xit Normally
```

PROCEDURE

- To add messages:

  --Type A.

  --Press <RETURN>.

  --Enter text.

  --Press <RETURN>.

- For additional messages (up to 20 lines total):

  --Type A.

  --Press <RETURN>.

  --Enter text.

  --Press <RETURN>.

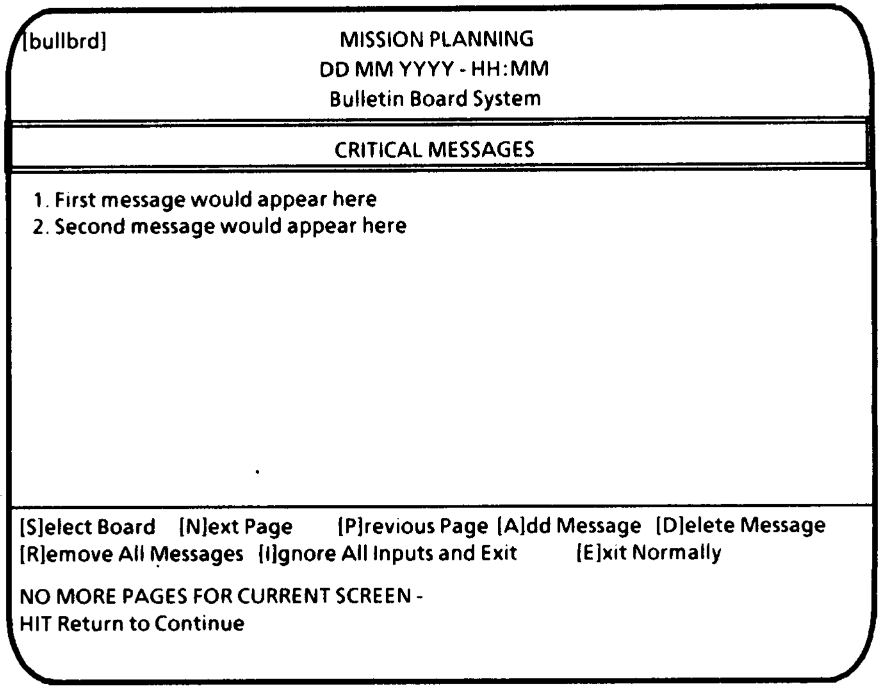
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD LAST PAGE SCREEN.

  Going to Next Page.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                          Bulletin Board System

                           CRITICAL MESSAGES
 1. First message would appear here
 2. Second message would appear here

[S]elect Board   [N]ext Page    [P]revious Page [A]dd Message  [D]elete Message
[R]emove All Messages  [I]gnore All Inputs and Exit     [E]xit Normally
NO MORE PAGES FOR CURRENT SCREEN -
HIT Return to Continue
```

PROCEDURE

- To go to next page:

  --Type N.

  --Press <RETURN>.

- If last page is displayed, following message appears:

  NO MORE PAGES FOR CURRENT SCREEN - Hit Return To Continue

  --Press <RETURN>.

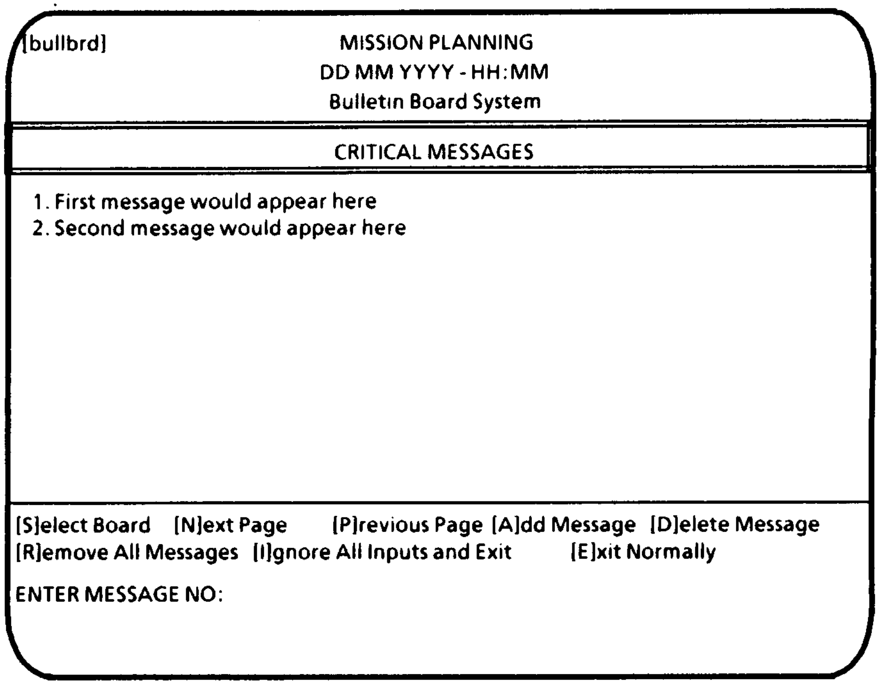
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD DELETE MESSAGE SCREEN.

  Deleting a Message.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                           DD MM YYYY - HH:MM
                           Bulletin Board System
                            CRITICAL MESSAGES
 1. First message would appear here
 2. Second message would appear here

[S]elect Board   [N]ext Page     [P]revious Page [A]dd Message  [D]elete Message
[R]emove All Messages  [I]gnore All Inputs and Exit       [E]xit Normally
ENTER MESSAGE NO:
```

PROCEDURE

- To delete message:

  --Type d.

  --Press <RETURN>.

- Observe message appears on screen:

  ENTER MESSAGE NO.:

  --Type (message number).

  --Press <RETURN>.

- If message doesn't exist, observe prompt:

  MESSAGE DOES NOT EXIST - Hit Return to Continue

  --Press <RETURN>.

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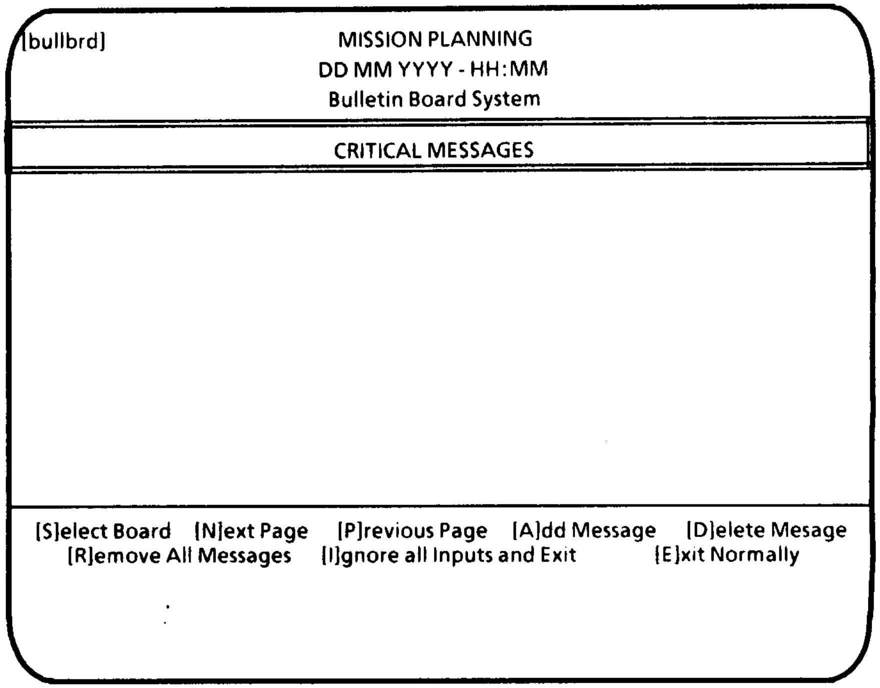
DESCRIPTION

- BULLETIN BOARD PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD REMOVE ALL MESSAGES SCREEN.

  Removing All Messages.

DISPLAY



```
[bullbrd]                      MISSION PLANNING
                            DD MM YYYY - HH:MM
                            Bulletin Board System

                            CRITICAL MESSAGES

[S]elect Board   [N]ext Page    [P]revious Page   [A]dd Message    [D]elete Mesage
   [R]emove All Messages   [I]gnore all Inputs and Exit         [E]xit Normally
```

PROCEDURE

- To remove all messages:

  --Type r.

  --Press <RETURN>.

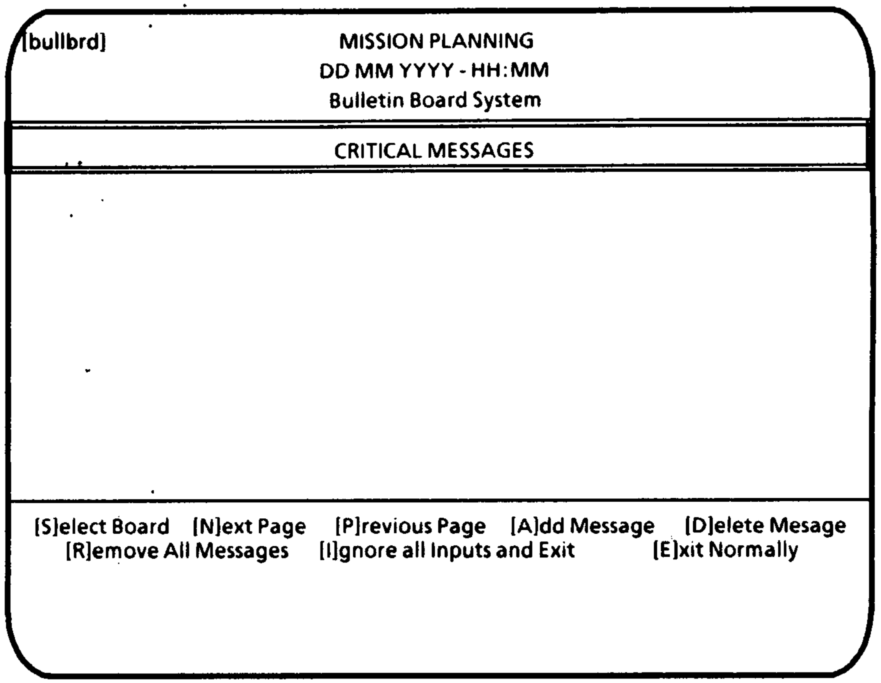
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  CRITICAL MESSAGE BOARD EXIT SCREEN.

  Exits

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                          Bulletin Board System
                           CRITICAL MESSAGES

[S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
   [R]emove All Messages  [I]gnore all Inputs and Exit     [E]xit Normally
```

PROCEDURE

- To ignore all inputs and exit:

  --Type i.

  --Press <RETURN>.

- To exit normally:

  --Type e.

  --Press <RETURN>.

USER MESSAGE BOARD PROCEDURE

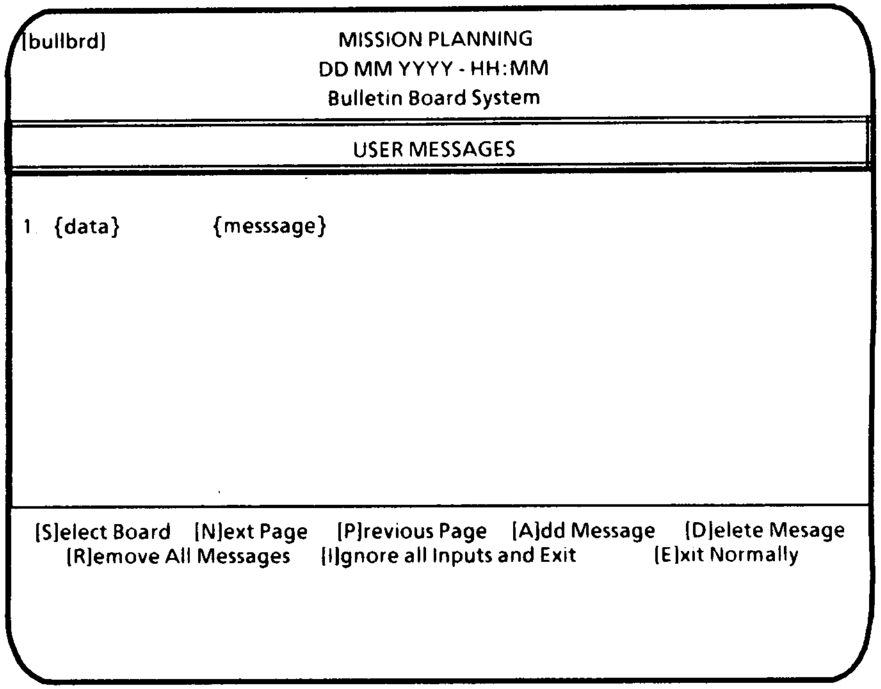
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

USER MESSAGE BOARD SCREEN.

The user message board lists user messages.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                          Bulletin Board System

                             USER MESSAGES

1  {data}         {messsage}

[S]elect Board   [N]ext Page    [P]revious Page   [A]dd Message    [D]elete Mesage
   [R]emove All Messages   [I]gnore all Inputs and Exit          [E]xit Normally
```

PROCEDURE

(None).

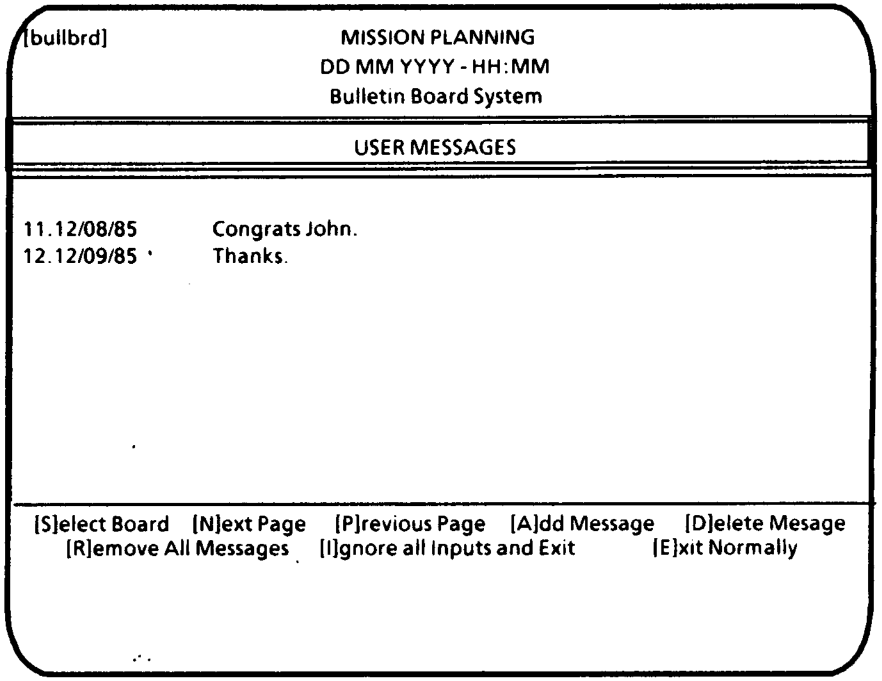
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  USER MESSAGE BOARD FIRST PAGE SCREEN.

  Going to Previous Page.

DISPLAY



```
[bullbrd]                 MISSION PLANNING
                        DD MM YYYY - HH:MM
                       Bulletin Board System

                          USER MESSAGES

11.12/08/85     Congrats John.
12.12/09/85     Thanks.

[S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
   [R]emove All Messages  [I]gnore all Inputs and Exit   [E]xit Normally
```

PROCEDURE

- To go to previous page:

  --Type P.

  --Press <RETURN>.

- If first page is displayed, following message appears:

  THIS THE FIRST PAGE FOR CURRENT SCREEN - Hit Return to Continue

  --Press <RETURN>.

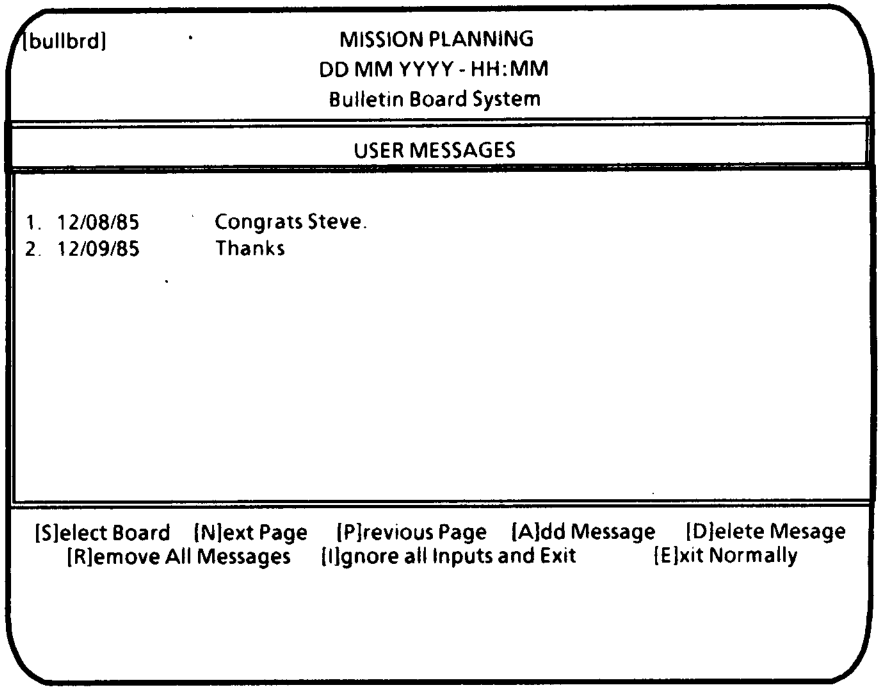
DESCRIPTION

- **BULLETIN BOARD SYSTEM PROCEDURES (Cont.)**

  USER MESSAGE BOARD LAST PAGE SCREEN.

  Going to Next Page.

DISPLAY



```
[bullbrd]                MISSION PLANNING
                       DD MM YYYY - HH:MM
                      Bulletin Board System
                          USER MESSAGES

1.  12/08/85       Congrats Steve.
2.  12/09/85       Thanks

[S]elect Board   [N]ext Page   [P]revious Page   [A]dd Message   [D]elete Mesage
   [R]emove All Messages   [I]gnore all Inputs and Exit        [E]xit Normally
```

PROCEDURE

- To go to next page:

  --Type N.

  --Press <RETURN>.

- If last page is displayed, following message appears:

  NO MORE PAGES FOR CURRENT SCREEN - Hit Return To Continue

  --Press <RETURN>.

DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  USER MESSAGE BOARD ADD MESSAGE SCREEN.

  Adding messages.

  Date entered automatically.

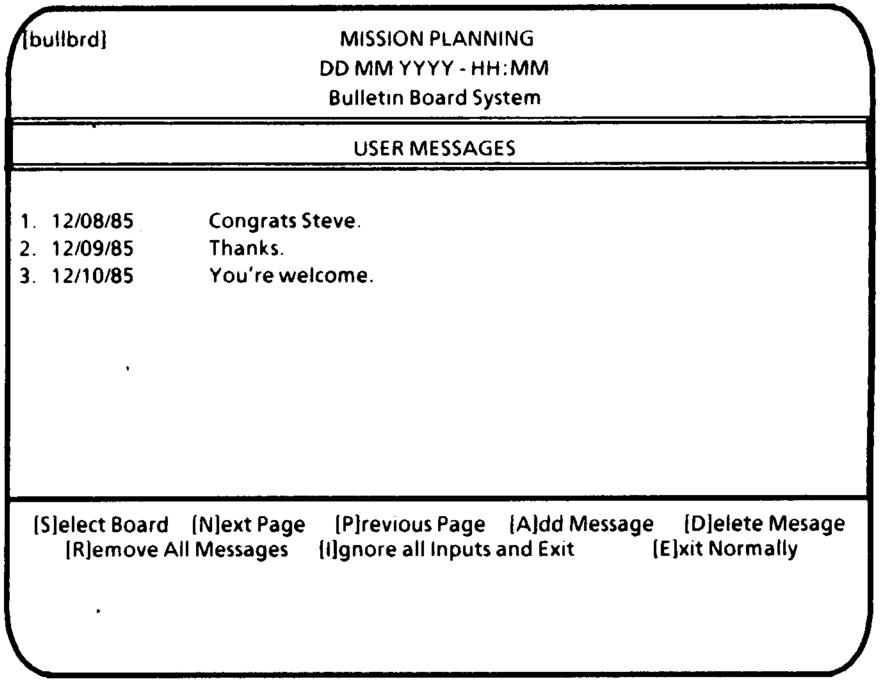
  User messages are limited to 72 characters per line.

  There is a maximum of 20 message lines available.

  When maximum lines is reached, user is prompted:

  NO MORE ROOM FOR MESSAGES - HIT RETURN TO CONTINUE

DISPLAY



```
[bullbrd]                  MISSION PLANNING
                         DD MM YYYY - HH:MM
                         Bulletin Board System

                             USER MESSAGES

1.  12/08/85        Congrats Steve.
2.  12/09/85        Thanks.
3.  12/10/85        You're welcome.

[S]elect Board   [N]ext Page   [P]revious Page   [A]dd Message   [D]elete Mesage
    [R]emove All Messages    [I]gnore all Inputs and Exit          [E]xit Normally
```

PROCEDURE

- To add messages:

  --Type A.

  --Press <RETURN>.

  --Enter text.

  --Press <RETURN>.

- For additional messages (up to 20 lines total):

  --Type A.

  --Press <RETURN>.

  --Enter text.

  --Press <RETURN>.

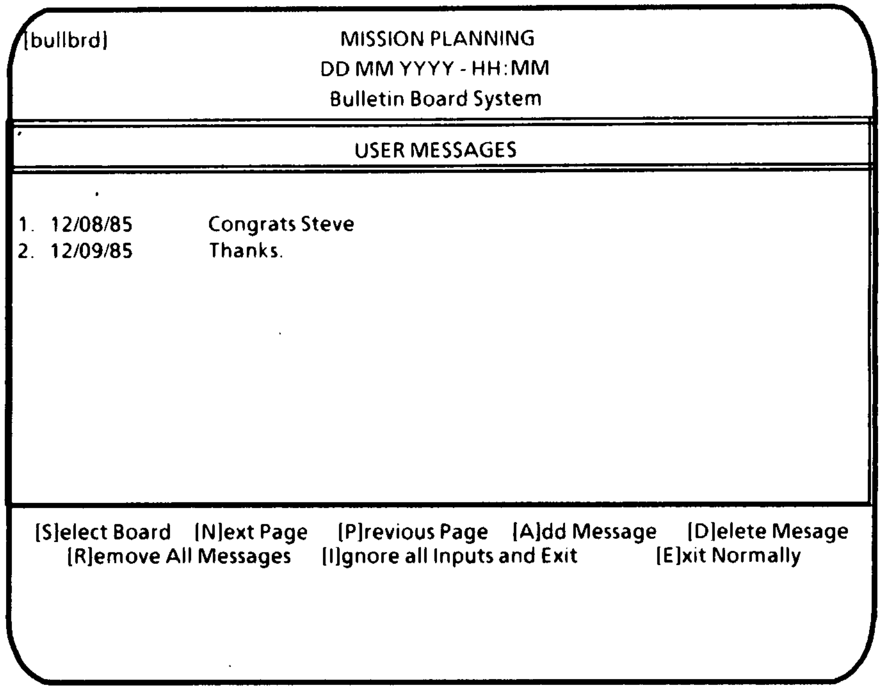
DESCRIPTION

- **BULLETIN BOARD SYSTEM PROCEDURES (Cont.)**

  USER MESSAGE BOARD DELETE A MESSAGE SCREEN.

  Deleting a Message.

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                           DD MM YYYY - HH:MM
                           Bulletin Board System

                              USER MESSAGES

1.  12/08/85        Congrats Steve
2.  12/09/85        Thanks.

[S]elect Board  [N]ext Page   [P]revious Page  [A]dd Message   [D]elete Mesage
  [R]emove All Messages   [I]gnore all Inputs and Exit       [E]xit Normally
```

PROCEDURE

- To delete message:

  --Type d.

  --Press <RETURN>.

- Observe message appears on screen:

  ENTER MESSAGE NO.:

  --Type (message number)

  --Press <RETURN>.

- If message doesn't exist, observe prompt:

  MESSAGE DOES NOT EXIST - Hit Return to Continue

  --Press <RETURN>.

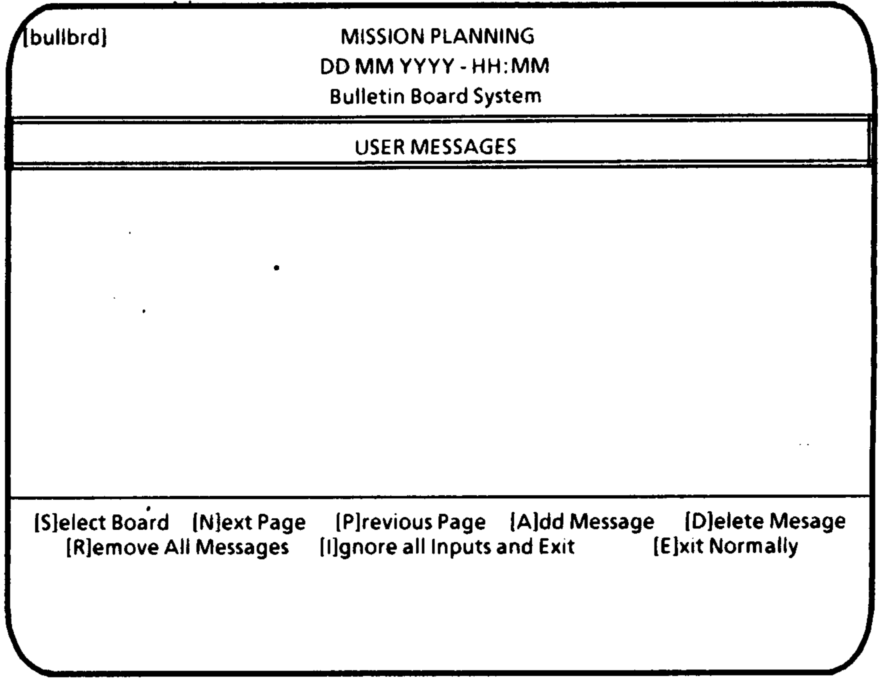
DESCRIPTION

- BULLETIN BOARD SYSTEM PROCEDURES (Cont.)

  USER MESSAGE BOARD REMOVE ALL MESSAGES SCREEN.

  Removing All Messages.

DISPLAY



```
[bullbrd]                  MISSION PLANNING
                         DD MM YYYY - HH:MM
                          Bulletin Board System

                            USER MESSAGES

[S]elect Board  [N]ext Page  [P]revious Page  [A]dd Message  [D]elete Mesage
  [R]emove All Messages   [I]gnore all Inputs and Exit    [E]xit Normally
```

PROCEDURE

- To remove all messages:

  --Type r.

  --Press <RETURN>.

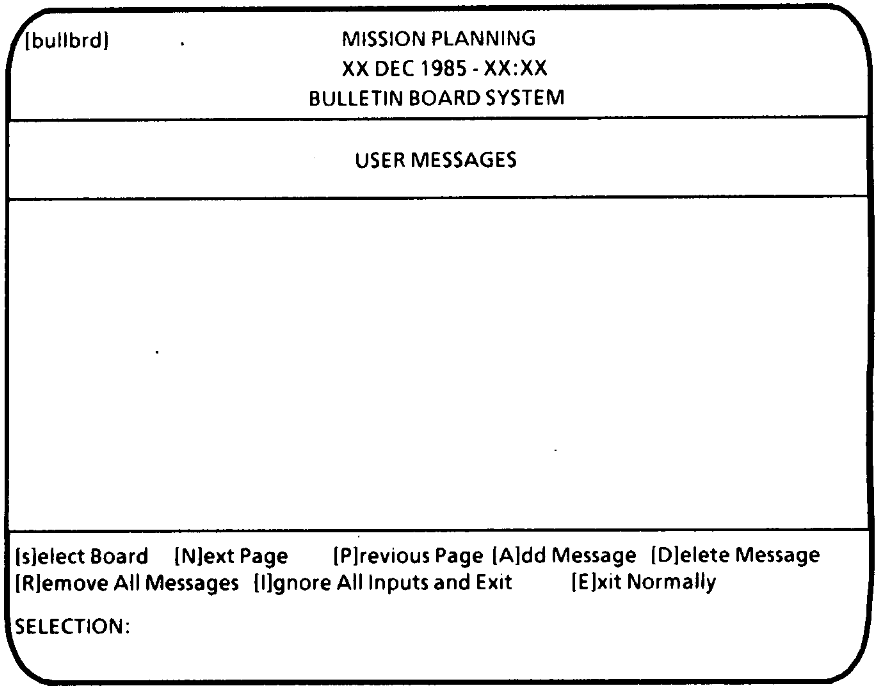
DESCRIPTION

- **BULLETIN BOARD SYSTEM PROCEDURES (Cont.)**

  USER MESSAGE BOARD EXIT SCREEN.

  Exits

DISPLAY



```
[bullbrd]                        MISSION PLANNING
                              XX DEC 1985 - XX:XX
                            BULLETIN BOARD SYSTEM

                                USER MESSAGES

[s]elect Board   [N]ext Page     [P]revious Page [A]dd Message  [D]elete Message
[R]emove All Messages  [I]gnore All Inputs and Exit       [E]xit Normally
SELECTION:
```

PROCEDURE

- To ignore all inputs and exit:

  --Type i.

  --Press <RETURN>.

- To exit normally:

  --Type e.

  --Press <RETURN>.

REMOVE SDT DATABASE MENU PROCEDURE

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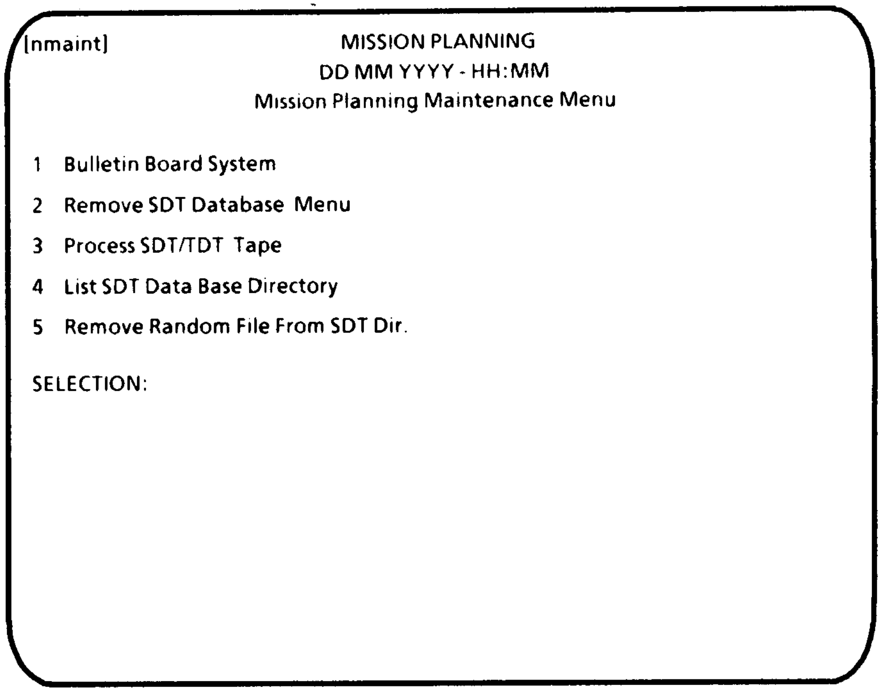
**SECTION 3
DFE USER
PROCEDURES**

DESCRIPTION

- REMOVE SDT DATABASE MENU PROCEDURE.

  DFE USER MISSION PLANNING MAIN MENU.

DISPLAY



```
[nmaint]                        MISSION PLANNING
                              DD MM YYYY - HH:MM
                        Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To select, remove SDT database menu:

  --Type 2.

  --Press <RETURN>.
- Observe that remove SDT database menu appears.

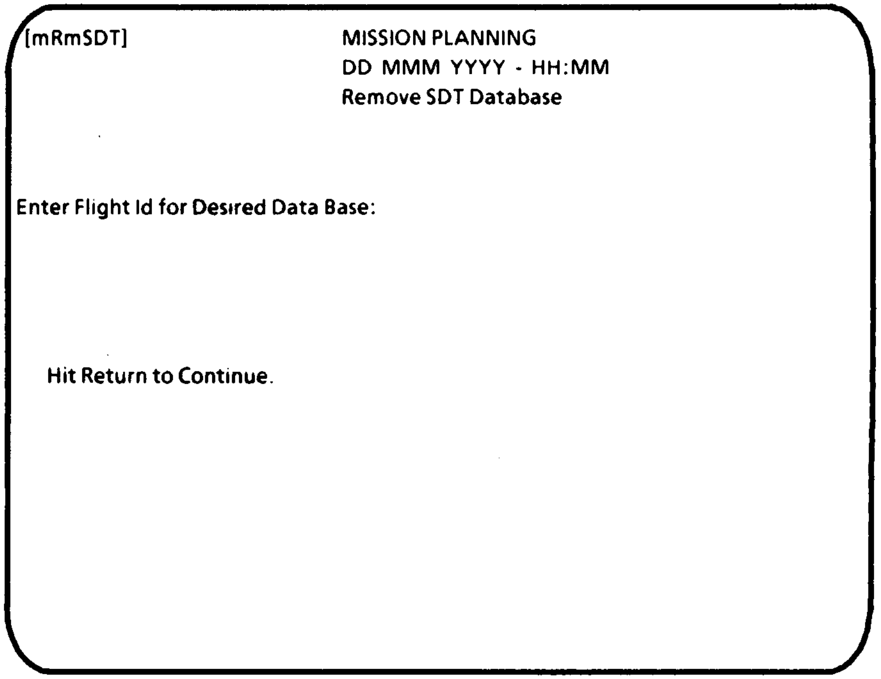
DESCRIPTION

- REMOVE SDT DATABASE MENU PROCEDURE (Cont.).

  REMOVE SDT DATABASE MENU

  Precedes requested database or file operation to enable user to enter flight identification number.

DISPLAY



```
[mRmSDT]                         MISSION PLANNING
                                 DD MMM YYYY - HH:MM
                                 Remove SDT Database

Enter Flight Id for Desired Data Base:


 Hit Return to Continue.
```

PROCEDURE

- Enter flight Id for desired database:

  --Type (<u>Appropriate Flight Id</u>).

  --Press <RETURN>.

- Observe that SDT database status screen appears.

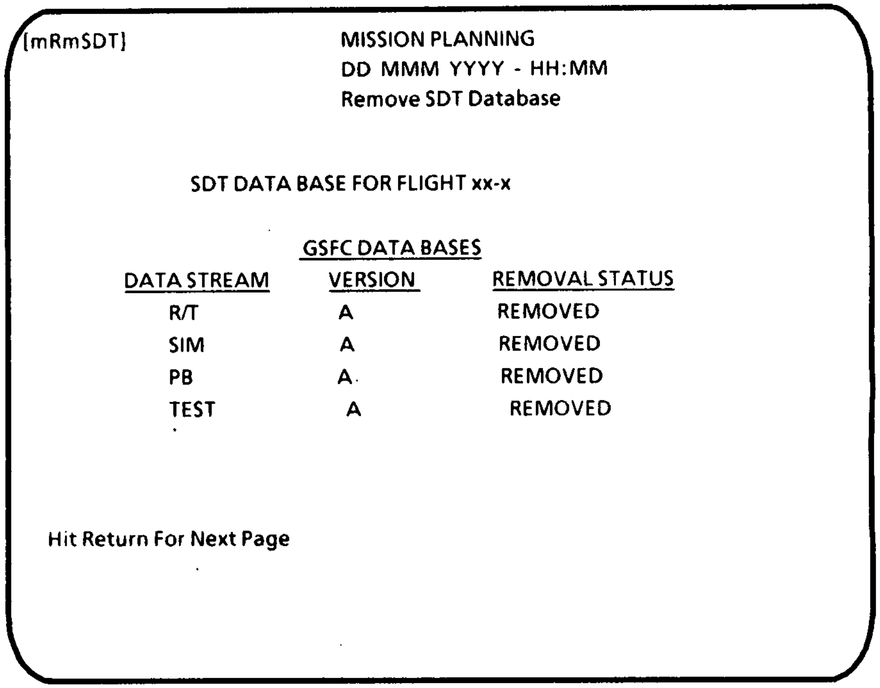
DESCRIPTION

- **REMOVE SDT DATABASE MENU PROCEDURE (Cont.).**

  SDT DATABASE STATUS SCREEN.

  Screen shows status of requested database.

DISPLAY



```
[mRmSDT]                          MISSION PLANNING
                                  DD MMM YYYY - HH:MM
                                  Remove SDT Database


                     SDT DATA BASE FOR FLIGHT xx-x

                              GSFC DATA BASES
            DATA STREAM       VERSION         REMOVAL STATUS
               R/T               A             REMOVED
               SIM               A             REMOVED
               PB                A             REMOVED
               TEST              A             REMOVED



Hit Return For Next Page
```

PROCEDURE

- To advance to next page (SDT database removed screen):

  --Press <RETURN>.

- Observe, database removed screen appears.

OR

- If error occurs during attempted database removal, following error screens appear. Observe SDT database status screen shows ERROR for associated database.

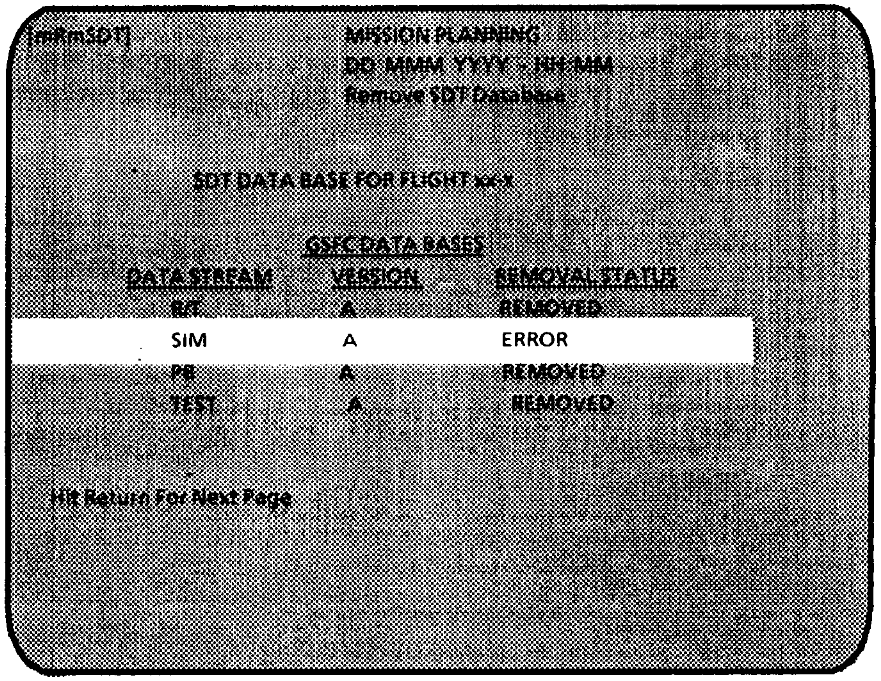
DESCRIPTION

- REMOVE SDT DATABASE MENU PROCEDURE (Cont.).

  SDT DATABASE STATUS SCREEN SHOWING ERROR.

  Screen shows error status of requested database. Press <RETURN> to advance to next page for details of error.

DISPLAY



```
[mRmSDT]                    MISSION PLANNING
                            DD MMM YYYY - HH:MM
                            Remove SDT Database


             SDT DATA BASE FOR FLIGHT xx-x

                    GSFC DATA BASES
        DATA STREAM      VERSION      REMOVAL STATUS
            R/T             A            REMOVED
            SIM             A            ERROR
            PB              A            REMOVED
            TEST            A            REMOVED


  Hit Return For Next Page
```

PROCEDURE

- To advance to next page (error detail screen):

  --Press <RETURN>.

- Observe, error detail screen appears.

ORIGINAL PAGE IS
OF POOR QUALITY

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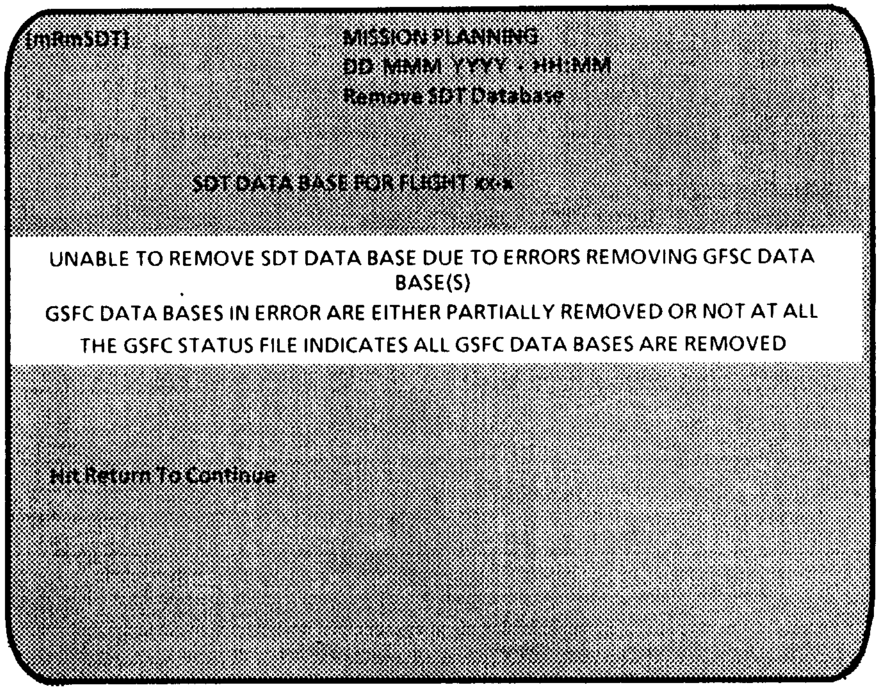
DESCRIPTION

- REMOVE SDT DATABASE MENU PROCEDURE (Cont.).

  SDT DATABASE STATUS SCREEN SHOWING ERROR DETAILS.

DISPLAY



```
[mRmSDT]                         MISSION PLANNING
                                 DD MMM YYYY - HH:MM
                                 Remove SDT Database

                 SDT DATA BASE FOR FLIGHT xx-x

 UNABLE TO REMOVE SDT DATA BASE DUE TO ERRORS REMOVING GFSC DATA
                              BASE(S)
 GSFC DATA BASES IN ERROR ARE EITHER PARTIALLY REMOVED OR NOT AT ALL
   THE GSFC STATUS FILE INDICATES ALL GSFC DATA BASES ARE REMOVED

 Hit Return To Continue
```

PROCEDURE

- To return to file management menu:

  --Press <RETURN>.
- Observe, file management menu appears on screen.

DESCRIPTION

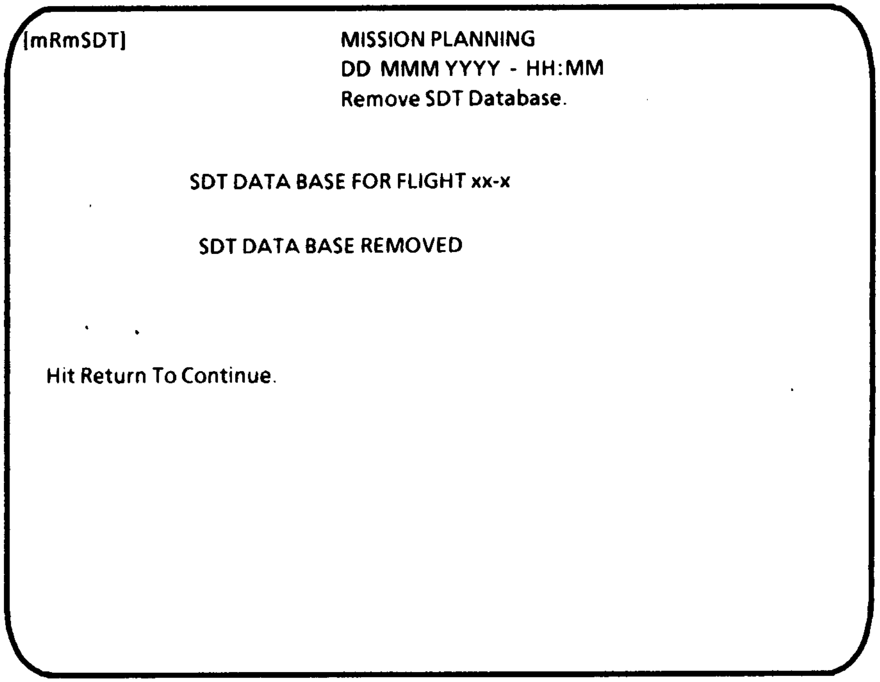
- REMOVE SDT DATABASE PROCEDURE (Cont.).

  FILE REMOVED SCREEN.

  Confirms that requested file has been removed.

  To return to file management menu, press <RETURN>.

DISPLAY



```
[mRmSDT]                    MISSION PLANNING
                            DD MMM YYYY - HH:MM
                            Remove SDT Database.

                SDT DATA BASE FOR FLIGHT xx-x

                SDT DATA BASE REMOVED


Hit Return To Continue.
```

PROCEDURE

- Return to file management menu:

  --Press <RETURN>.
- Observe, file management menu appears on screen.

PROCESS SDT/TDT TAPE PROCEDURES

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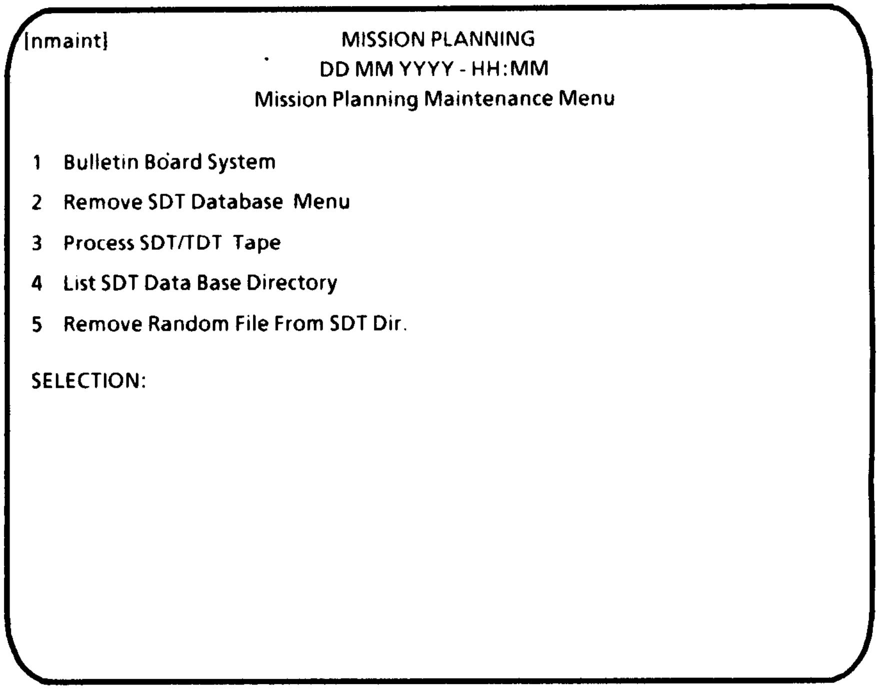
DESCRIPTION

- **PROCESS SDT/TDT TAPE PROCEDURES**

  DFE USER MISSION PLANNING MAIN MENU.

  Menu items are selected by number.

DISPLAY



```
[nmaint]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                    Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To select process SDT/TDT tape screen:

  --Type 3.

  --Press <RETURN>.

- Observe process SDT/TDT tape screen appears.

- To return to mission planning main menu:

  --Press <CTRL> + <U>.

DESCRIPTION

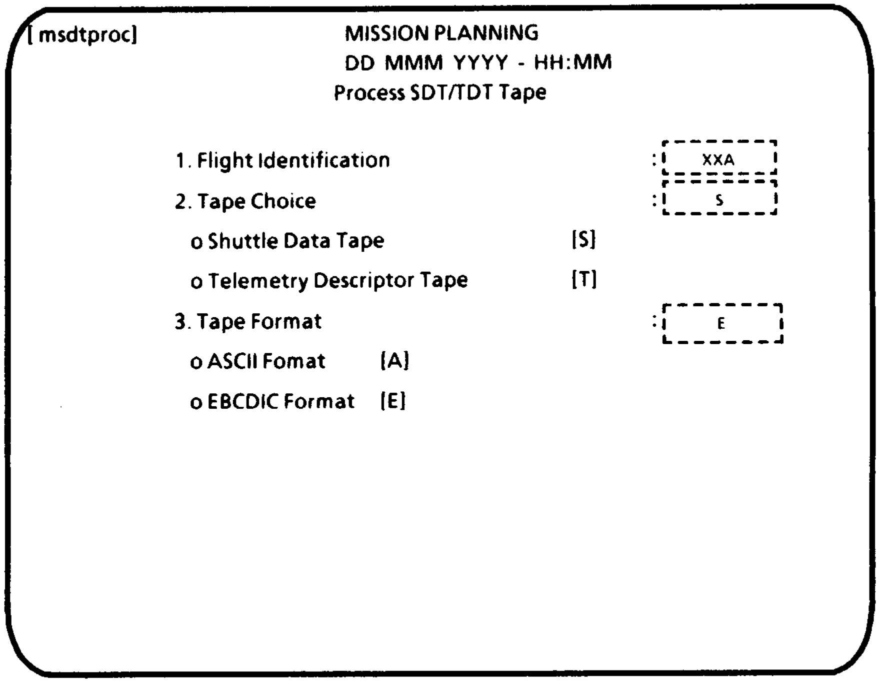
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).

  PROCESS SDT/TDT TAPE SCREEN.

  Database is built by flight identification (flt ID) number.

  Procedures and screens that appear depend on tape choice entered, **[S]** or **[T]**.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape

     1. Flight Identification                          : XXA
     2. Tape Choice                                    : S
       o Shuttle Data Tape                  [S]
       o Telemetry Descriptor Tape          [T]
     3. Tape Format                                    : E
       o ASCII Fomat      [A]
       o EBCDIC Format    [E]
```

PROCEDURE

- Enter flt ID number for database:

  --Type (<u>flt ID number</u>).

  --Press <RETURN>.

- Enter tape choice:

  --Type <u>S or T</u>.

  --Press <RETURN>.

- Enter tape format:

  --Type <u>A or E</u>.

  --Press <RETURN>.

SHUTTLE DATA TAPE PROCESSING PROCEDURES

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES

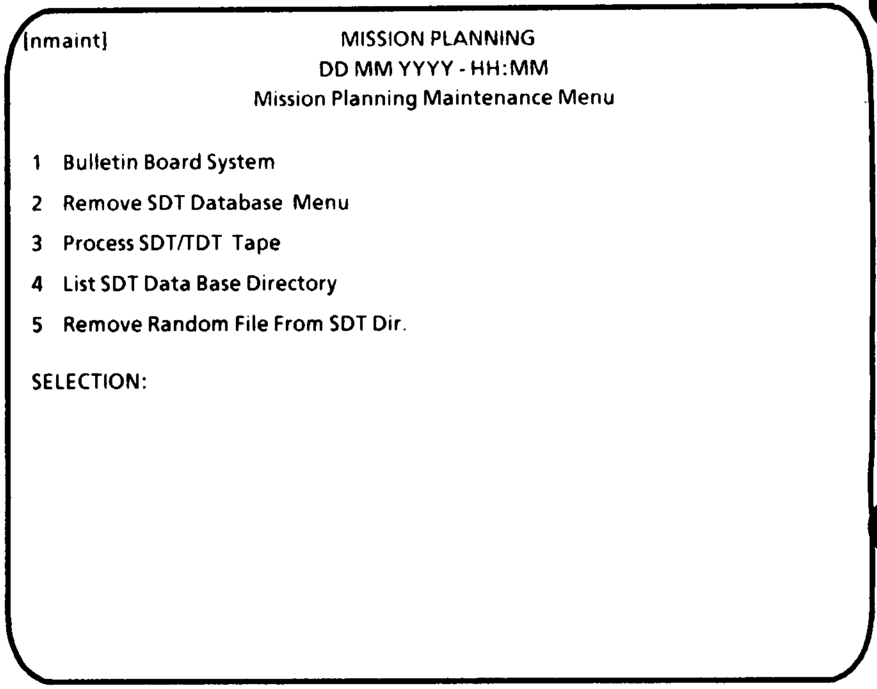
  SDT processing builds a mission specific database containing data from SDT.

  Database can be named by any valid flight ID.

  Data loaded into database may come from an SDT and TDT from any <u>one</u> flight, i.e. SDT and TDT must have same flight ID, but this flight ID does not have to match database flight ID.

  All references to SDT/TDT database and its resulting products are made via database flight ID.

DISPLAY



```
[nmaint]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                   Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To select processing of SDT tape :

  --Type <u>3</u>.
- Observe process SDT/TDT tape screen appears.

DESCRIPTION

- **PROCESS SDT/TDT TAPE PROCEDURES (Cont).**
- **SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)**

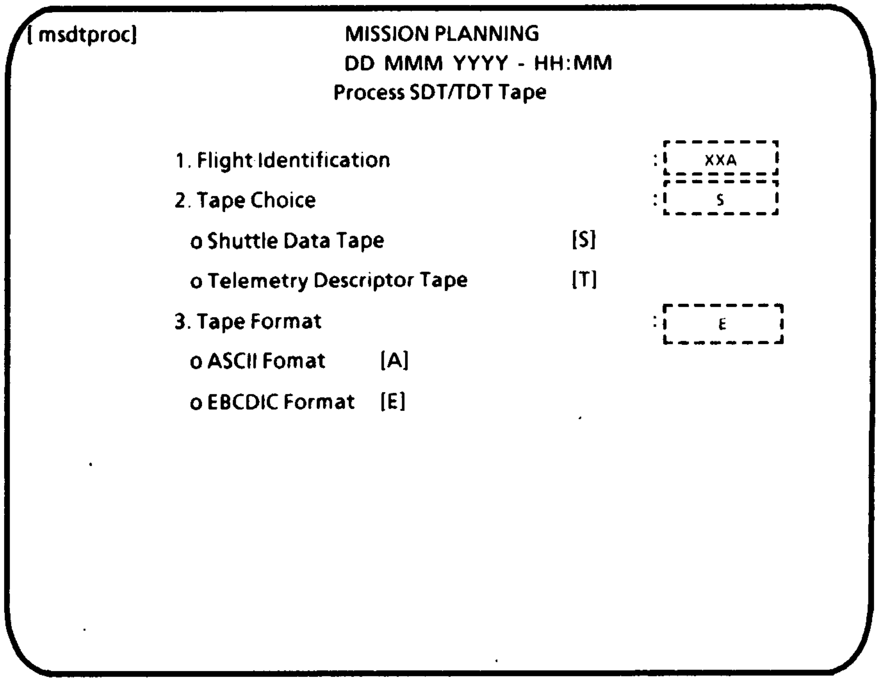
database is built by flight identification (flt ID) number.

Data for database is retrieved from SDT of same flight or a different flight.

--Command Syntax

Flight Identification (flt ID number for database)	**XXA** **X= number 0-9** **A= letter A-Z**

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape

          1. Flight Identification                        : XXA
          2. Tape Choice                                  : S
            o Shuttle Data Tape              [S]
            o Telemetry Descriptor Tape      [T]
          3. Tape Format                                  : E
            o ASCII Fomat       [A]
            o EBCDIC Format     [E]
```

PROCEDURE

- **Enter flt ID number for database:**

  --Type (<u>flt ID number</u>).

  --Press <RETURN>.
- **Enter tape choice:**

  --Type <u>S</u>.

  --Press <RETURN>.
- **Enter tape format:**

  --Type <u>E</u>.

  --Press <RETURN>.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

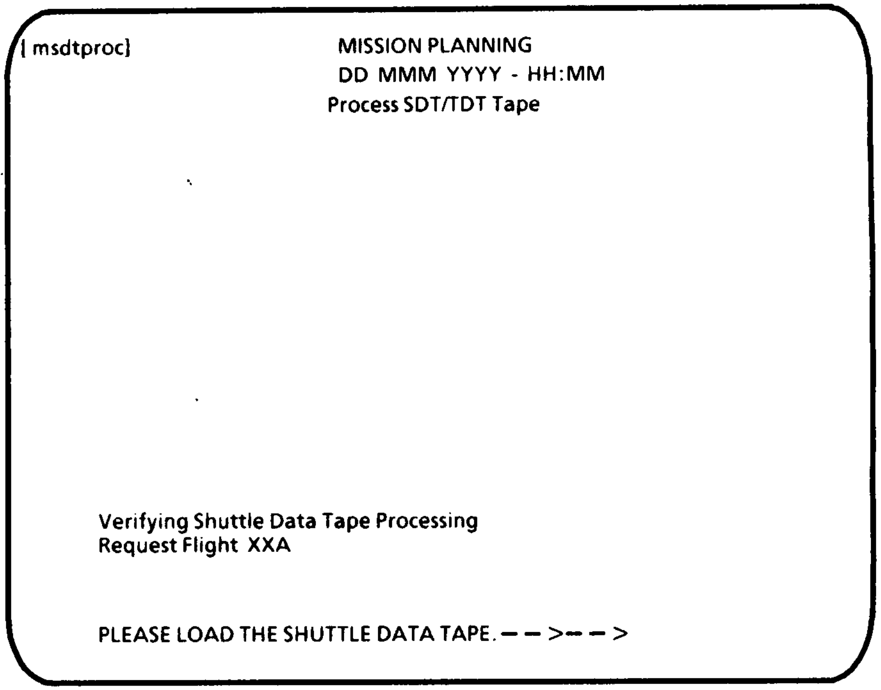
Displays selected flight number for database for verification.

Load SDT:

Of same flt ID for data from same flight.

Of different flt ID for data from different flight.

DISPLAY



```
[ msdtproc]                    MISSION PLANNING
                               DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape




Verifying Shuttle Data Tape Processing
Request Flight  XXA


PLEASE LOAD THE SHUTTLE DATA TAPE.-- >-- >
```

PROCEDURE

- Observe following messages apppear on screen:

  Verifying Shuttle Data Tape Processing
  Request Flight (flt ID number of database)

  PLEASE LOAD THE SHUTTLE
  DATA TAPE. -->-->

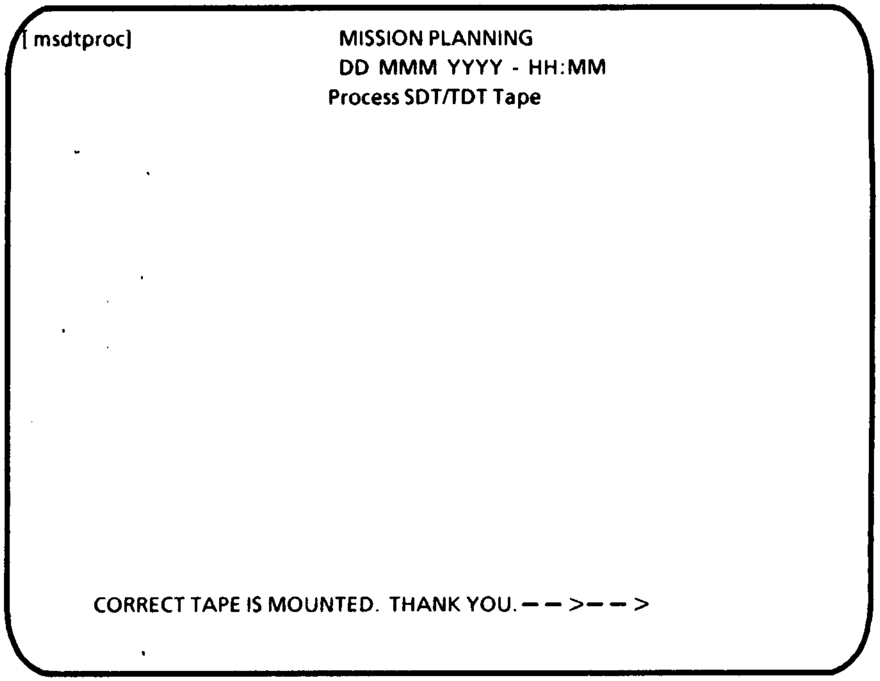
- Load shuttle data tape. Place tape drive on line.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

  Message is displayed if tape flt ID number matches flt ID number selected for database.

DISPLAY



```
[msdtproc]                      MISSION PLANNING
                                DD MMM YYYY - HH:MM
                               Process SDT/TDT Tape




  CORRECT TAPE IS MOUNTED.  THANK YOU.-- >-- >
```

PROCEDURE

- Observe the following message apppears on screen:

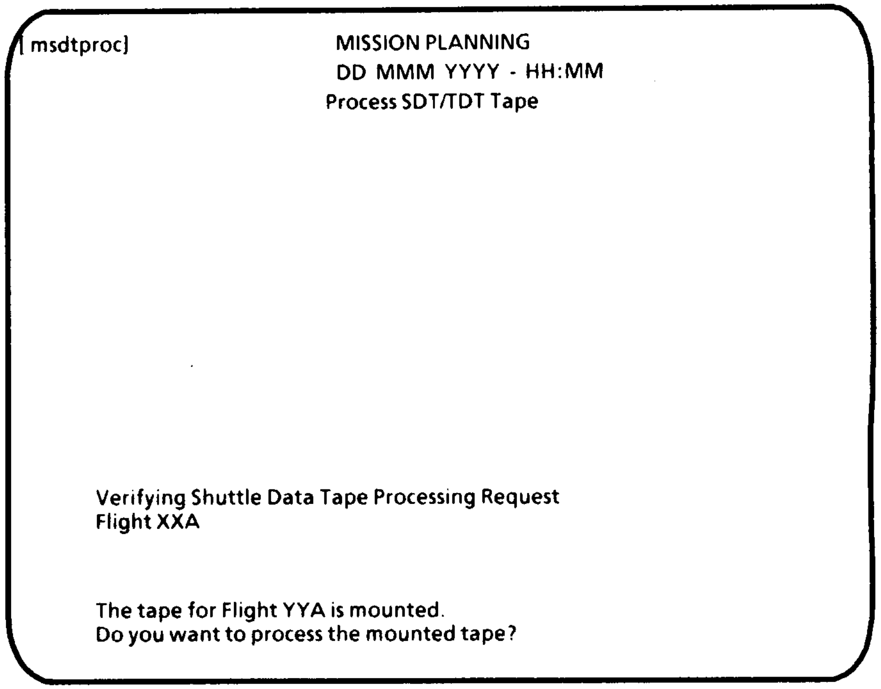
  CORRECT TAPE IS MOUNTED. THANK YOU.-- >-- >

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

  Message is displayed if tape flt ID number is different than flt ID number selected for database.

DISPLAY



```
msdtproc]                    MISSION PLANNING
                             DD MMM YYYY - HH:MM
                            Process SDT/TDT Tape




  Verifying Shuttle Data Tape Processing Request
  Flight XXA


  The tape for Flight YYA is mounted.
  Do you want to process the mounted tape?
```

PROCEDURE

- Observe following message apppears on screen:

  Verifying Shuttle Data Tape Processing Request
  Flight XXA

  The tape for Flight YYA is mounted.
  Do you want to process the mounted tape?

- If correct tape is mounted:

  --Type Y.

  --Press <RETURN>.

- If incorrect tape is mounted:

  --Type N.

  --Press <RETURN>.

DESCRIPTION

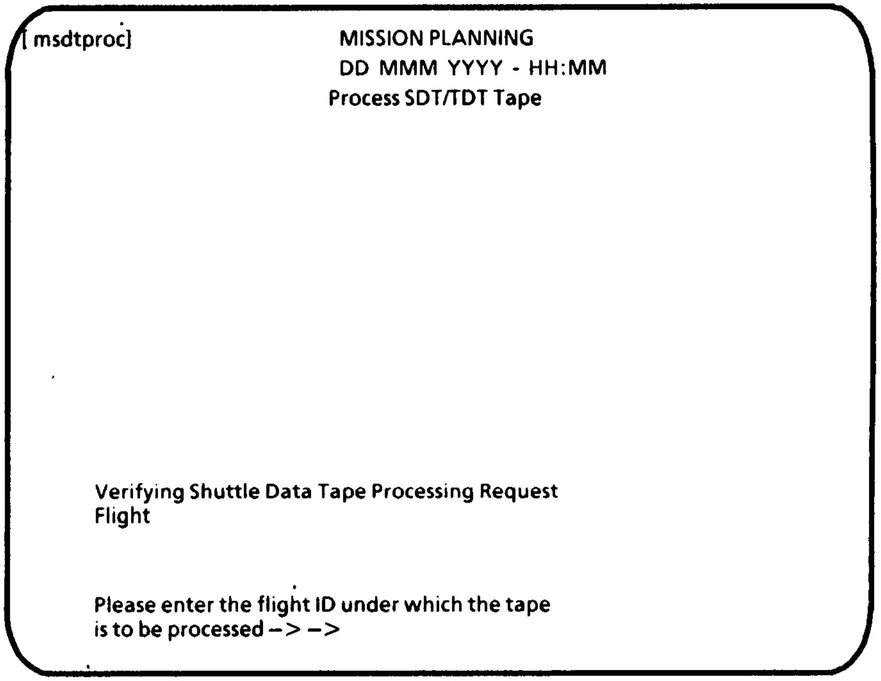
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

  Messages apppear if tape flt ID number is different than flt ID number selected for database.

  Rechecks flight ID numbers.

  Asks for flt ID number of data base.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                             Process SDT/TDT Tape





    Verifying Shuttle Data Tape Processing Request
    Flight


    Please enter the flight ID under which the tape
    is to be processed --> -->
```

PROCEDURE

- Observe following message apppears on screen:

  **Verifying Shuttle Data Tape Processing Request
  Flight**

  **Please enter the flight ID under which the tape
  is to be processed --> -->**

- Enter the data base flt ID number:

  --Type (flt ID number).

  --Press <RETURN>.

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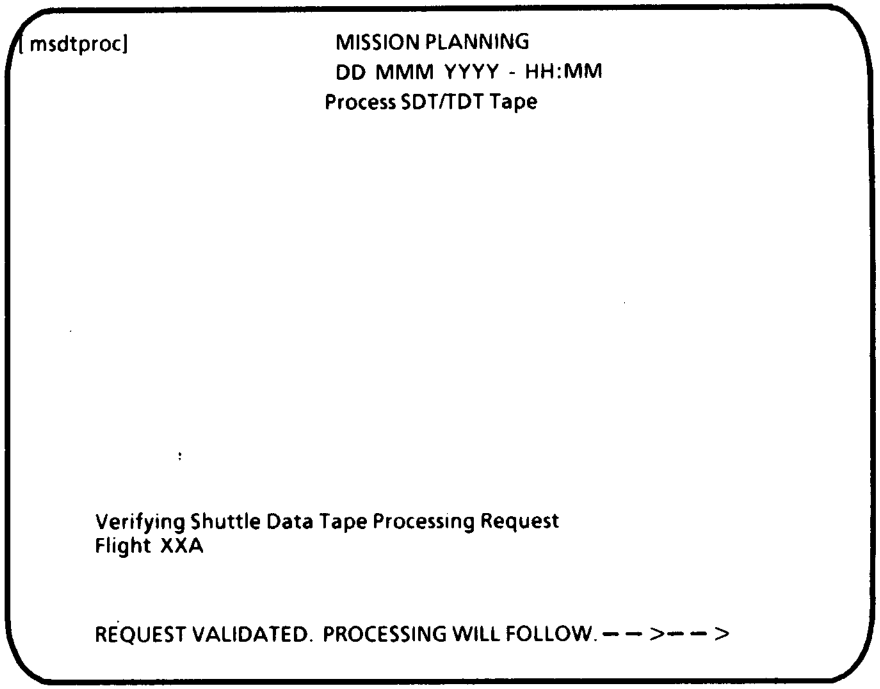
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

DISPLAY



```
[msdtproc]                     MISSION PLANNING
                               DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape





  Verifying Shuttle Data Tape Processing Request
  Flight XXA

  REQUEST VALIDATED.  PROCESSING WILL FOLLOW.-->--->
```

PROCEDURE

- Observe following message apppears on screen when flt ID numbers are different:

Verifying Shuttle Data Tape Processing Request
Flight XXA

REQUEST VALIDATED. PROCESSING WILL FOLLOW.-->--->

- Observe following message apppears on screen when flt ID numbers are same:

REQUEST VALIDATED. PROCESSING WILL FOLLOW.-->--->

DESCRIPTION

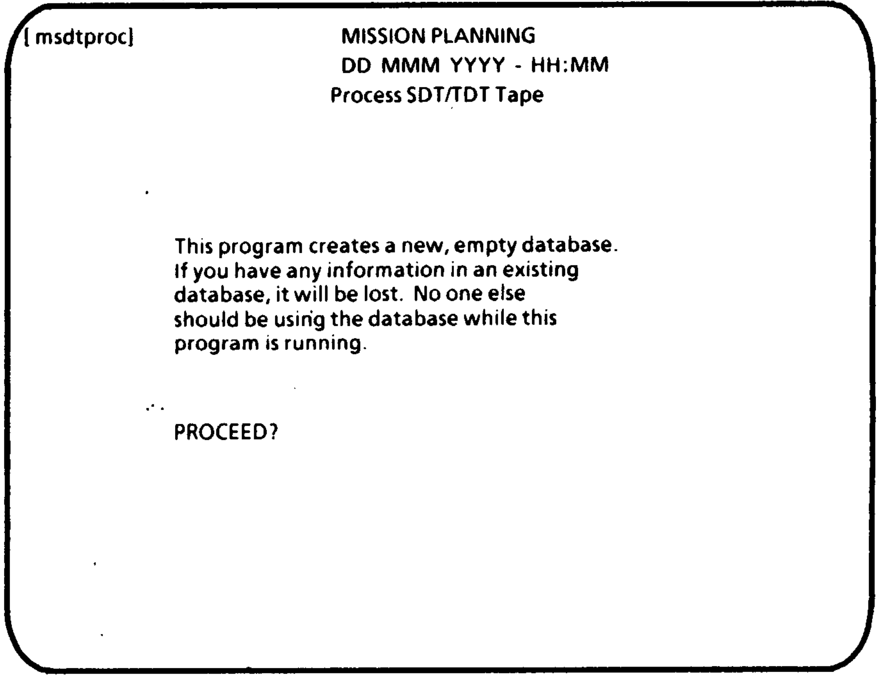
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).

- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

  A flight specific directory is created which includes an SDT/TDT database subdirectory.

  An empty database is created in SDT/TDT database subdirectory.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                             Process SDT/TDT Tape


            This program creates a new, empty database.
            If you have any information in an existing
            database, it will be lost.  No one else
            should be using the database while this
            program is running.

            PROCEED?
```

PROCEDURE

- Observe following message apppears on screen:

This program creates a new, empty database. If you have any information in an existing database, it will be lost. No one else should be using the database while this program is running.

- Observe following prompt apppears on screen:

PROCEED?

- –Type Y.

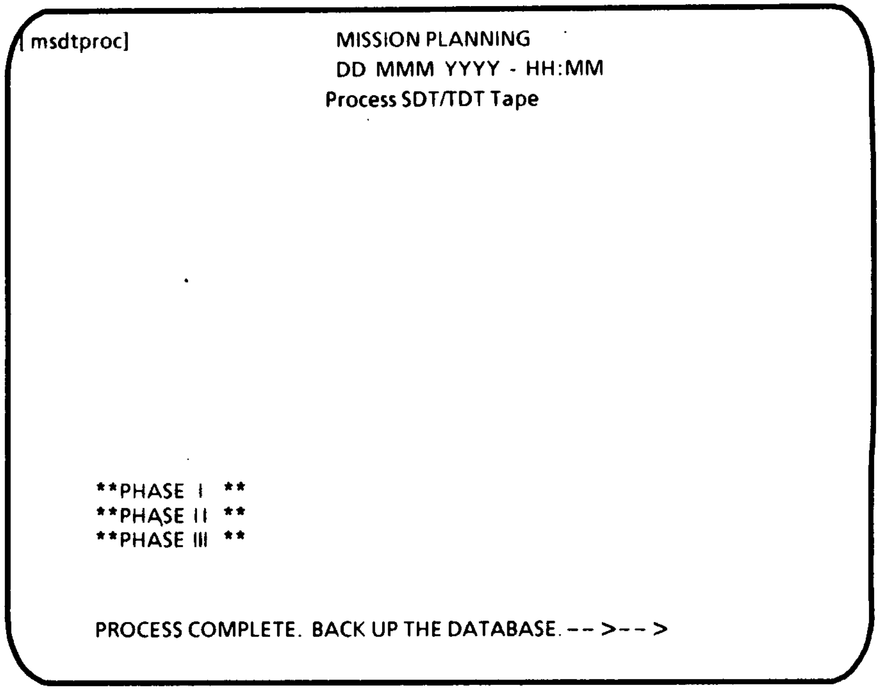
- –Press <RETURN>.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

  Message takes several seconds to appear.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape




**PHASE I   **
**PHASE II  **
**PHASE III **


PROCESS COMPLETE.  BACK UP THE DATABASE.-->-->
```

PROCEDURE

- Observe following message apppears on screen:

  ****PHASE I ****
  Then
  ****PHASE II ****
  Then
  ****PHASE III****

  PROCESS COMPLETE. BACK UP THE DATABASE.-->-->

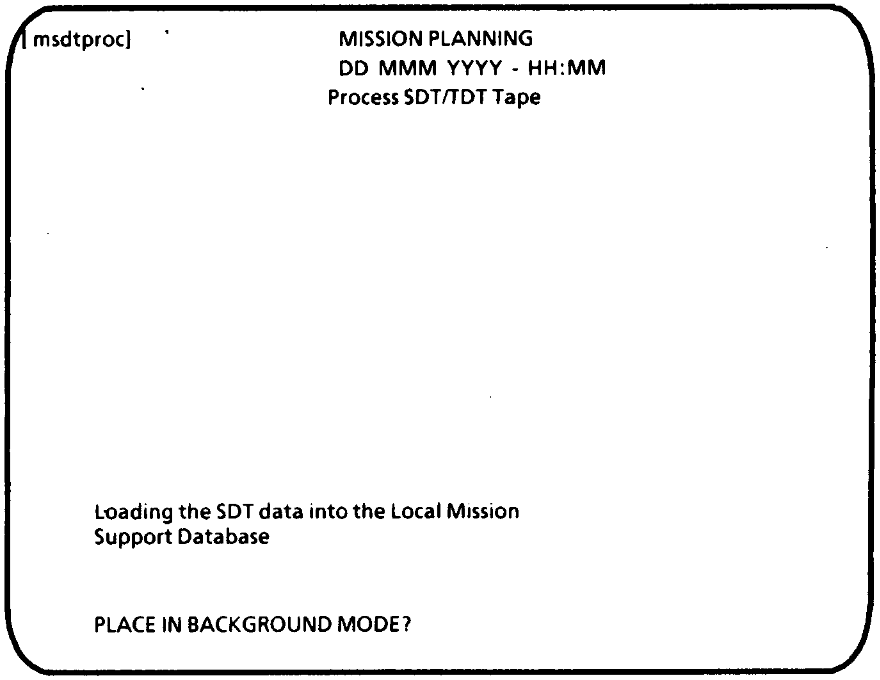
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

SDT is processed and data is loaded into SDT database.

Database build takes approximately 16 hours.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                               DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape




  Loading the SDT data into the Local Mission
  Support Database


  PLACE IN BACKGROUND MODE?
```

PROCEDURE

- Observe following message apppears on screen:

Loading the SDT data into the Local Mission Support Database

- Observe following prompt appears on screen:

PLACE IN BACKGROUND MODE?

--Type Y.

--Press <RETURN>.

- Observe mission planning main menu appears.

SDT PROCESSING STATUS PROCEDURE

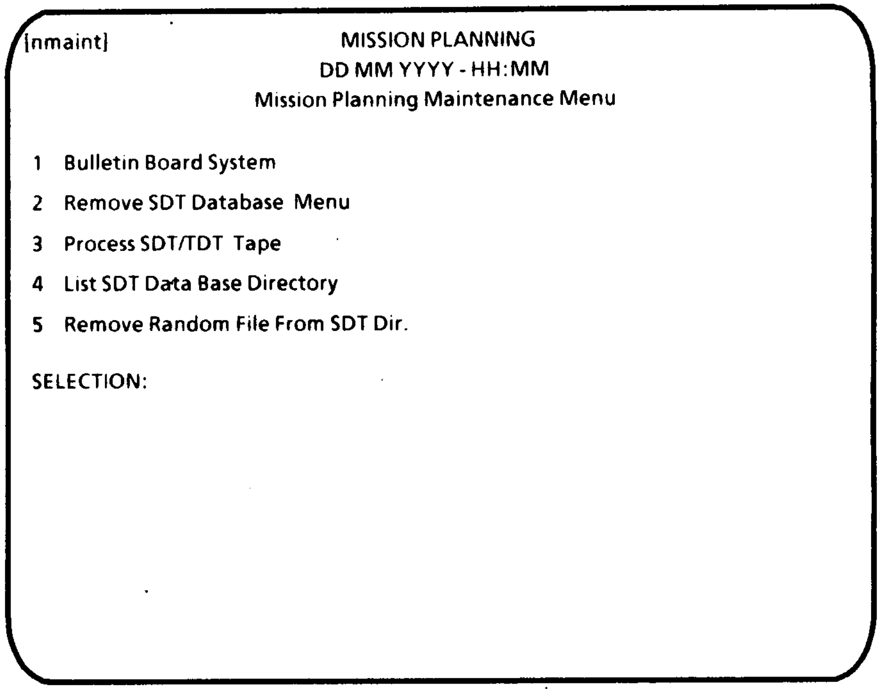
DESCRIPTION

- **PROCESS SDT/TDT TAPE PROCEDURES (Cont).**
- **SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)**

DFE USER MISSION PLANNING MAIN MENU.

Check bulletin board for tape processing status.

DISPLAY



```
[nmaint]                 MISSION PLANNING
                        DD MM YYYY - HH:MM
                  Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- **To check bulletin board:**
  - --Type 1.
  - --Press <RETURN>.
- **Observe, bulletin board system status screen appears.**

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- SHUTTLE DATA TAPE (SDT) PROCESSING PROCEDURES (Cont.)

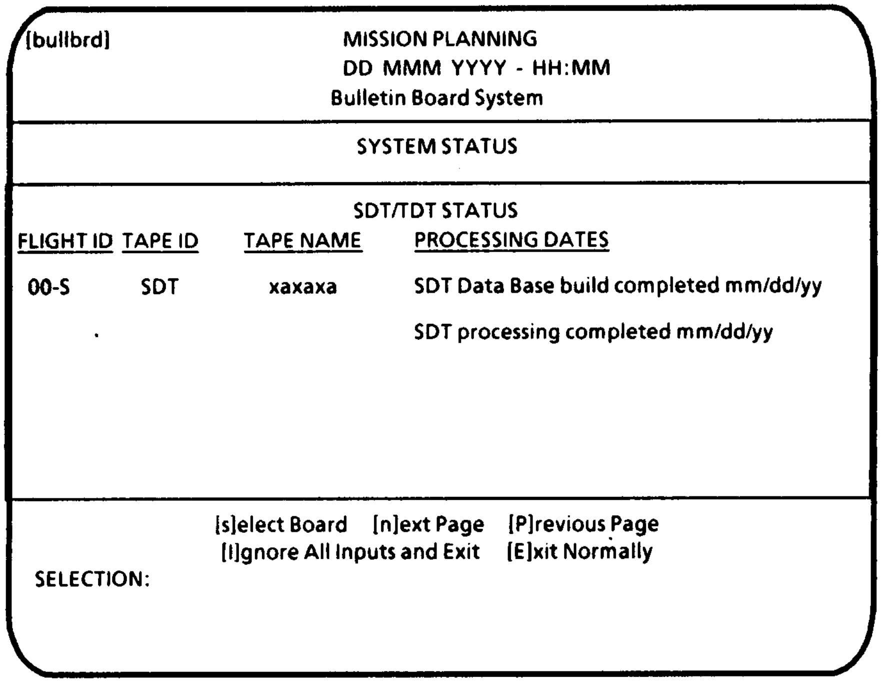
Building data base takes approximately 16 hours.

After 16 hours bulletin board reflects flight number of processed tape, type of processing, and date tape was processed.

– –Syntax

Date	two-digit month/two-digit day/two-digit year

DISPLAY



```
[bullbrd]                    MISSION PLANNING
                             DD MMM YYYY - HH:MM
                             Bulletin Board System

                             SYSTEM STATUS

                             SDT/TDT STATUS
FLIGHT ID  TAPE ID   TAPE NAME   PROCESSING DATES
00-S       SDT       xaxaxa      SDT Data Base build completed mm/dd/yy
                                 SDT processing completed mm/dd/yy

              [s]elect Board   [n]ext Page   [P]revious Page
              [I]gnore All Inputs and Exit   [E]xit Normally
SELECTION:
```

PROCEDURE

- To exit bulletin board:

  – –Type e.

  – –Press <RETURN>.

TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES

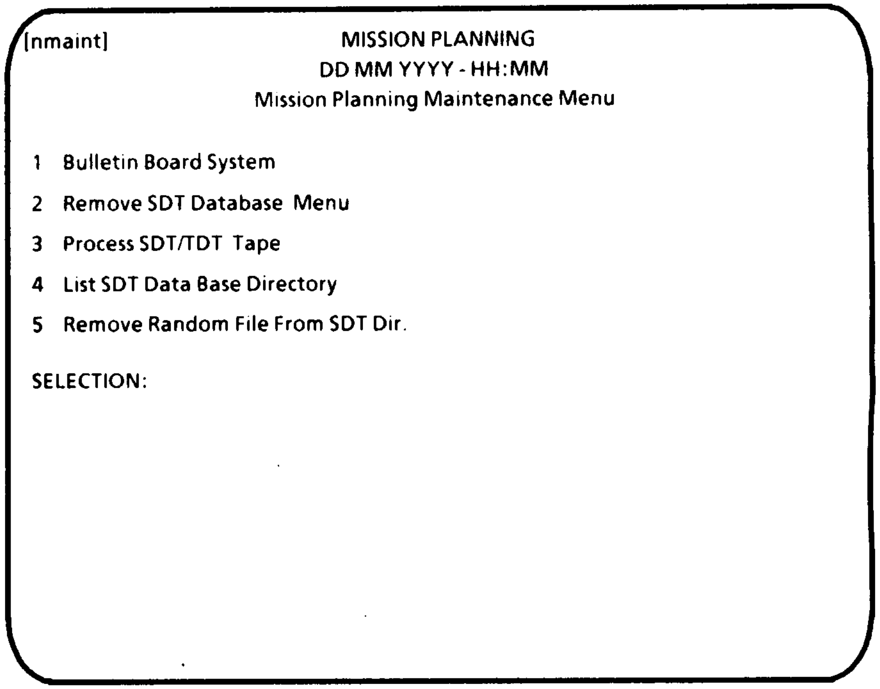
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES

TDT processing loads data from TDT into local mission support database built during SDT processing.

SDT processing must be performed before TDT processing.

DISPLAY



```
[nmaint]                         MISSION PLANNING
                              DD MM YYYY - HH:MM
                       Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To select processing of TDT tape:
  --Type 3.
- Observe, process SDT/TDT tape screen appears.

DESCRIPTION

- **PROCESS SDT/TDT TAPE PROCEDURES (Cont).**
- **TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)**

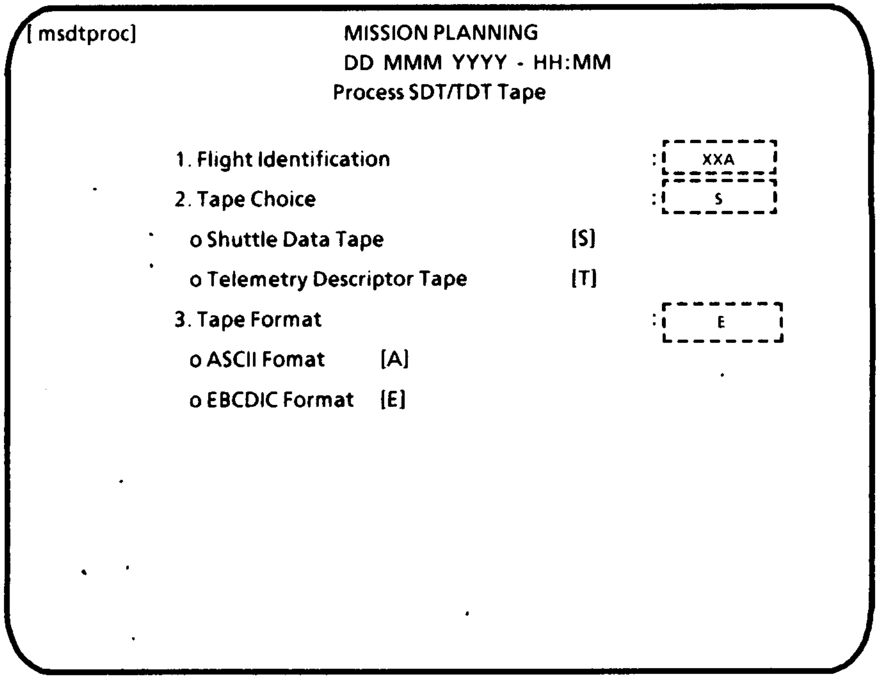
  Data base is built by flight identification (flt ID) number.

  Flt ID number must be same as flt ID number used to build SDT data base.

  --Command Syntax

Flight Identification	XXA
(flt ID number for	X= Number 0-9
data base)	A= Letter A-Z

DISPLAY



```
[msdtproc]                  MISSION PLANNING
                            DD MMM YYYY - HH:MM
                           Process SDT/TDT Tape

           1. Flight Identification                  : XXA
           2. Tape Choice                            : S
             o Shuttle Data Tape               [S]
             o Telemetry Descriptor Tape       [T]
           3. Tape Format                            : E
             o ASCII Fomat      [A]
             o EBCDIC Format    [E]
```

PROCEDURE

- Enter flt ID number for data base:

  --Type (<u>flt ID number</u>).

  --Press <RETURN>.
- Enter tape choice:

  --Type <u>T</u>.

  --Press <RETURN>.
- Enter tape format:

  --Type <u>E</u>.

  --Press <RETURN>.

DESCRIPTION

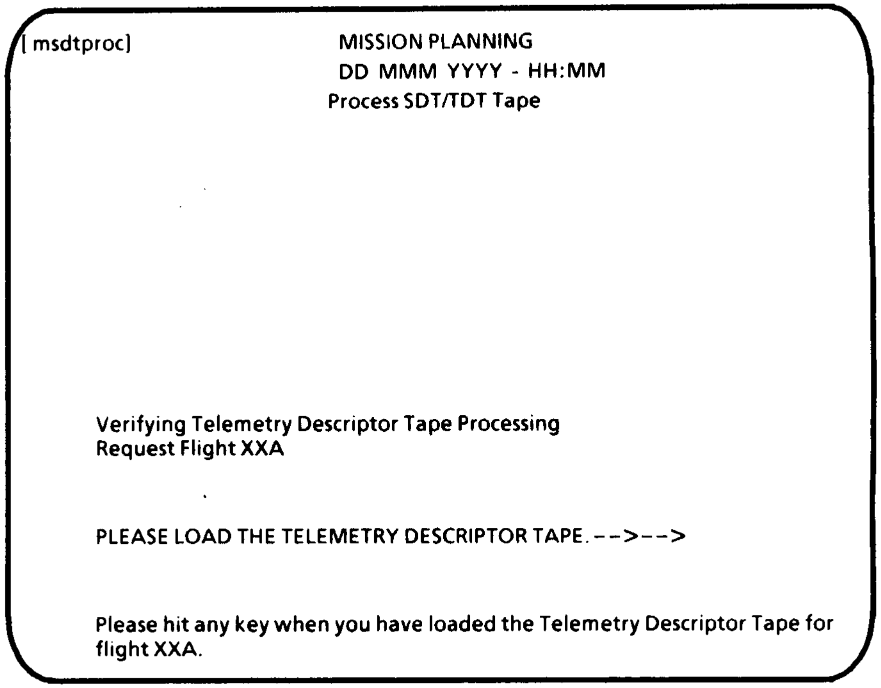
- **PROCESS SDT/TDT TAPE PROCEDURES (Cont).**
- **TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)**

Displays selected flight number for data base for verification.

Load TDT:

Must be same flt ID as SDT flt ID.

DISPLAY



```
[msdtproc]                    MISSION PLANNING
                              DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape




        Verifying Telemetry Descriptor Tape Processing
        Request Flight XXA

        PLEASE LOAD THE TELEMETRY DESCRIPTOR TAPE.-->-->

        Please hit any key when you have loaded the Telemetry Descriptor Tape for
        flight XXA.
```

PROCEDURE

- Observe following messages apppear on screen:

  Verifying Telemetry Descriptor Tape Processing Request Flight (data base flt ID number)

  PLEASE LOAD THE TELEMETRY DESCRIPTOR TAPE.-->-->

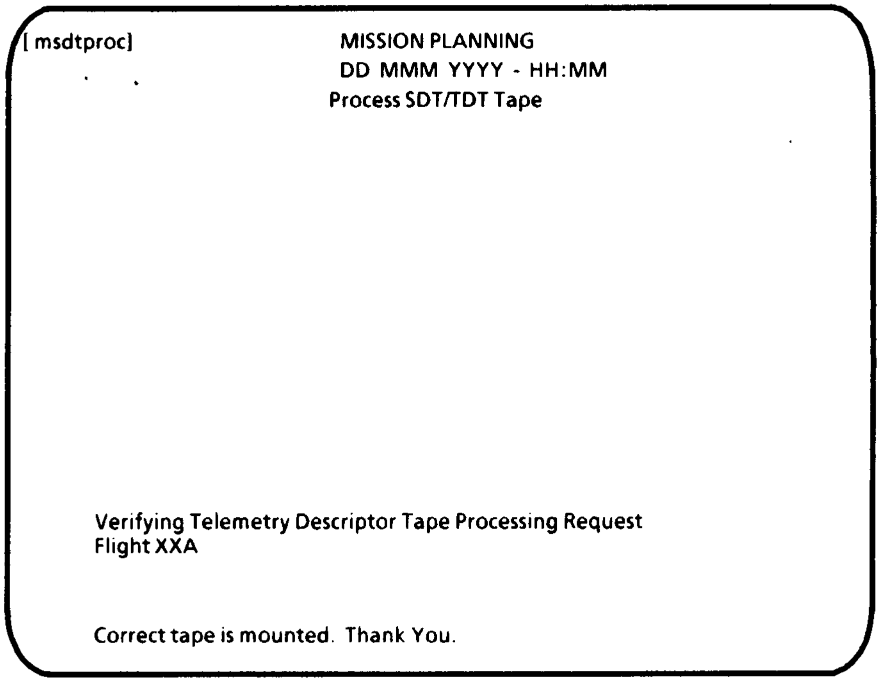
  PLEASE HIT ANY KEY WHEN YOU HAVE LOADED THE TELEMETRY DESCRIPTOR TAPE FOR FLIGHT (flt ID number)

- Load telemetry descriptor tape with flt ID number XXA. Place tape drive on line.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- TELEMETRY DESCIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

DISPLAY



```
[msdtproc]              MISSION PLANNING
                        DD MMM YYYY - HH:MM
                       Process SDT/TDT Tape




    Verifying Telemetry Descriptor Tape Processing Request
    Flight XXA


    Correct tape is mounted.  Thank You.
```

PROCEDURE

- Observe following message apppears on screen:

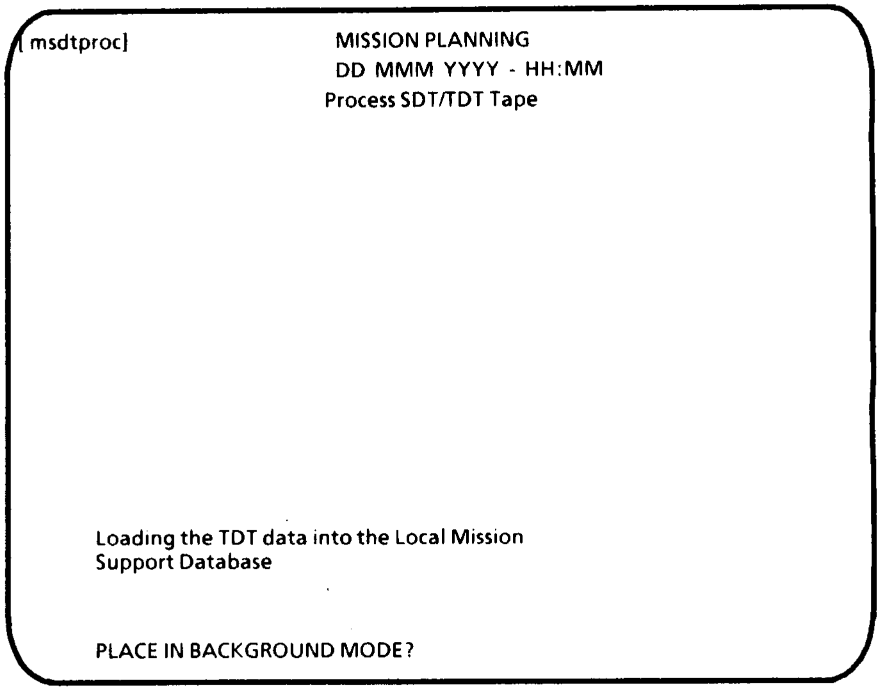
Verifying Telemetry Descriptor Tape Processing Request
Flight XXA

Correct tape is mounted. Thank you.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

DISPLAY



```
[msdtproc]                     MISSION PLANNING
                               DD MMM YYYY - HH:MM
                              Process SDT/TDT Tape




       Loading the TDT data into the Local Mission
       Support Database


       PLACE IN BACKGROUND MODE?
```

PROCEDURE

- Observe following message apppears on screen:

  Loading the TDT data into the Local Mission Support Database

- Observe following prompt apppears on screen:

  PLACE IN BACKGROUND MODE?

  --Type N.

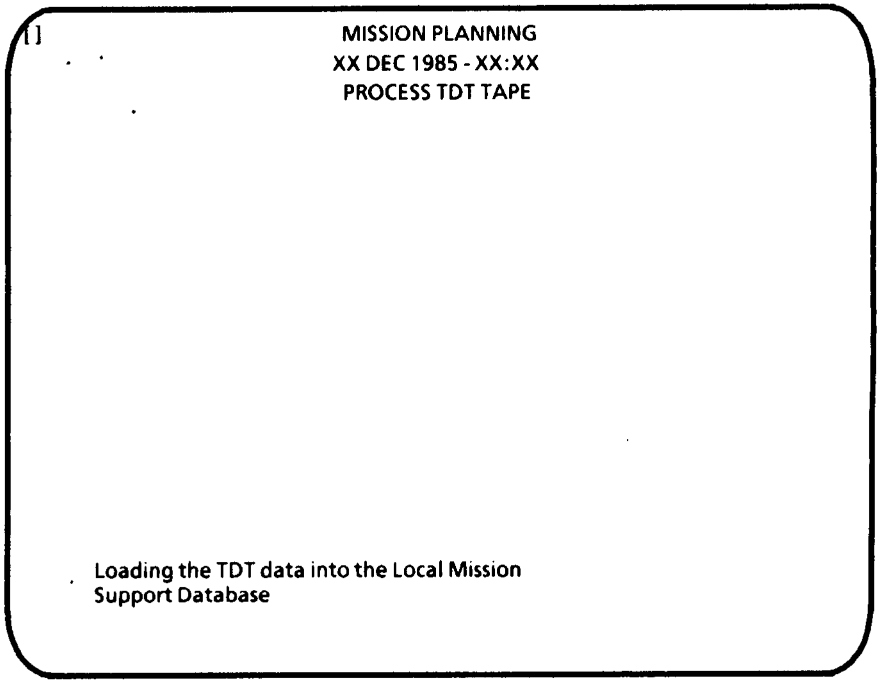
  --Press <RETURN>.

DESCRIPTION

- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

  Loading TDT data into local mission support database takes approximately two minutes.

DISPLAY



```
[]                 MISSION PLANNING
                 XX DEC 1985 - XX:XX
                  PROCESS TDT TAPE

  Loading the TDT data into the Local Mission
  Support Database
```

PROCEDURE

- Observe following message apppears on screen:

  Loading the TDT data into the Local Mission Support Database

TDT PROCESSING STATUS PROCEDURE

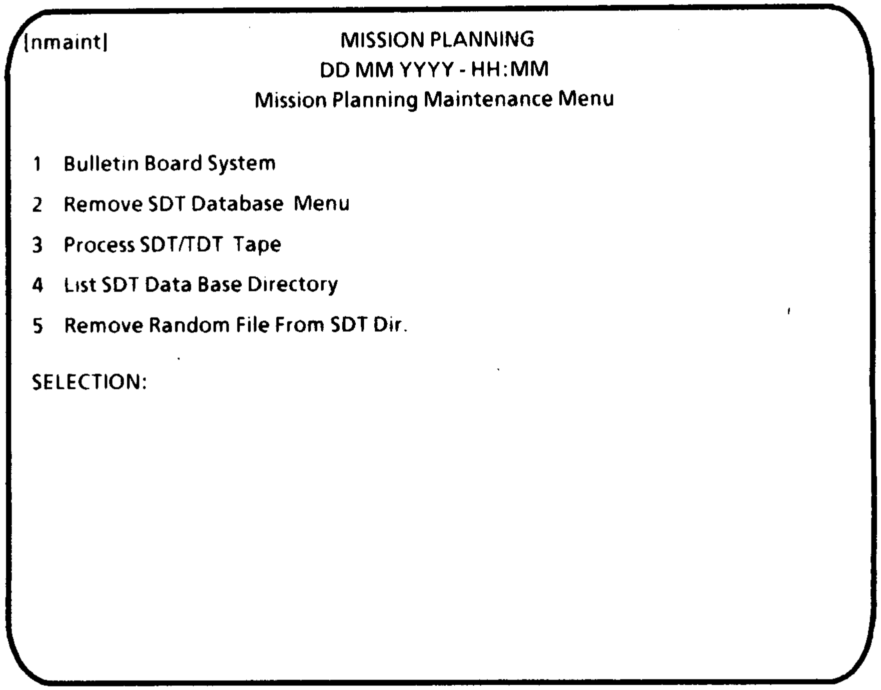
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

DFE USER MISSION PLANNING MAIN MENU.

Check bulletin board for tape processing status.

DISPLAY



```
[nmaint]                    MISSION PLANNING
                          DD MM YYYY - HH:MM
                   Mission Planning Maintenance Menu

1  Bulletin Board System
2  Remove SDT Database  Menu
3  Process SDT/TDT  Tape
4  List SDT Data Base Directory
5  Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To check bulletin board:

  --Type 1.

  --Press <RETURN>.
- Observe, bulletin board system status screen appears.

DESCRIPTION

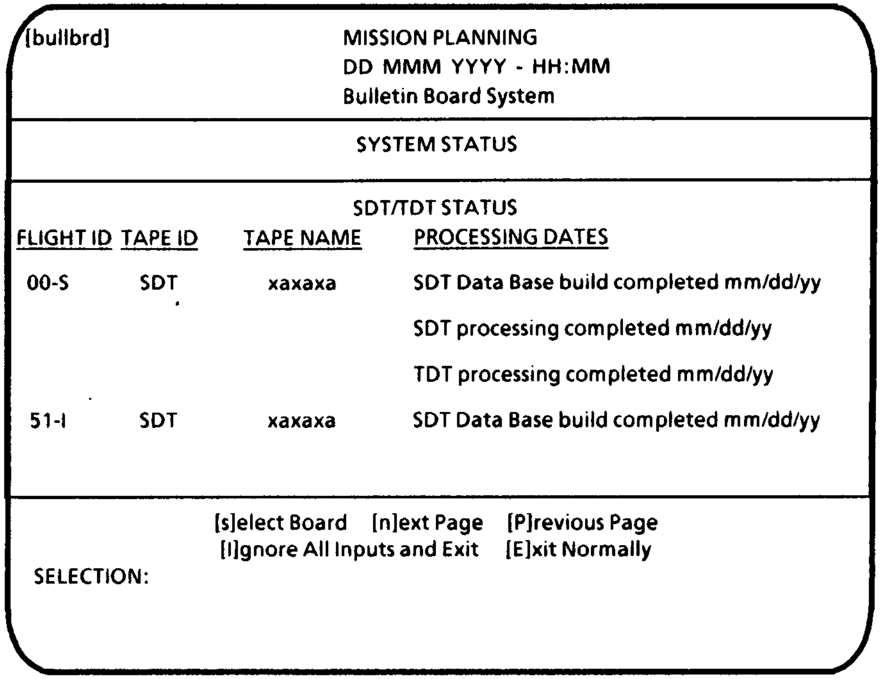
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- TELEMETRY DESCRIPTOR TAPE (TDT) PROCESSING PROCEDURES (Cont.)

  Bulletin board reflects flight number of processed tape, type of processing, data base flight number, and date tape was processed.

  --Syntax

Date	two-digit month/two-digit day/two-digit year

DISPLAY



```
[bullbrd]                        MISSION PLANNING
                                 DD MMM YYYY - HH:MM
                                 Bulletin Board System

                                   SYSTEM STATUS

                                   SDT/TDT STATUS
FLIGHT ID TAPE ID   TAPE NAME   PROCESSING DATES
 00-S      SDT       xaxaxa     SDT Data Base build completed mm/dd/yy
                                SDT processing completed mm/dd/yy
                                TDT processing completed mm/dd/yy
 51-I      SDT       xaxaxa     SDT Data Base build completed mm/dd/yy

                 [s]elect Board   [n]ext Page    [P]revious Page
                 [I]gnore All Inputs and Exit    [E]xit Normally
 SELECTION:
```

PROCEDURE

- To exit bulletin board:

  --Type e.

  --Press <RETURN>.

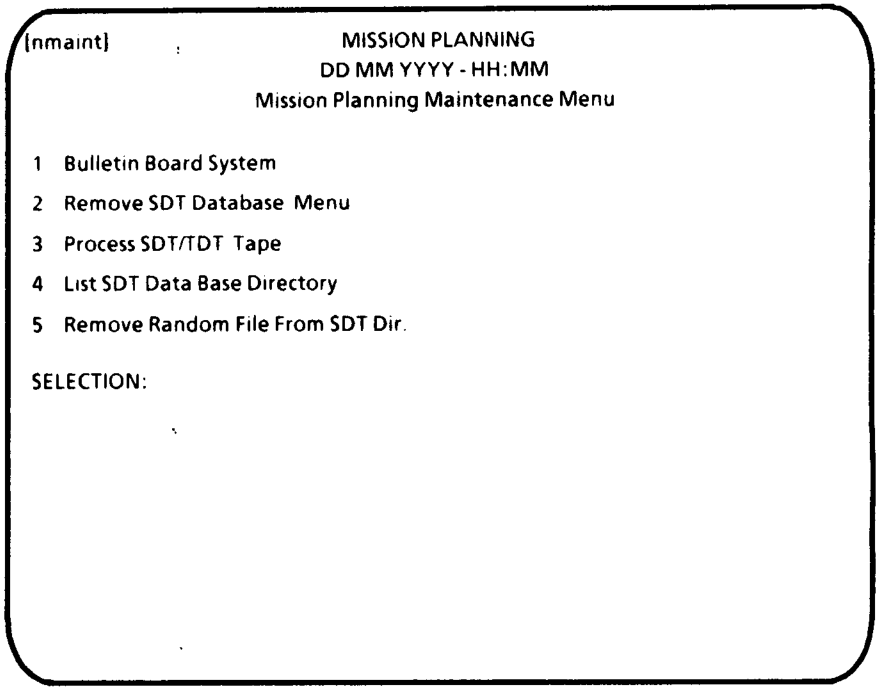
LIST SDT DATA BASE DIRECTORY PROCEDURES

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- LIST SDT DATA BASE DIRECTORY PROCEDURE.

DFE USER MISSION PLANNING MAIN MENU.

DISPLAY



```
(nmaint)                  MISSION PLANNING
                       DD MM YYYY - HH:MM
               Mission Planning Maintenance Menu

1   Bulletin Board System
2   Remove SDT Database  Menu
3   Process SDT/TDT  Tape
4   List SDT Data Base Directory
5   Remove Random File From SDT Dir.

SELECTION:
```

PROCEDURE

- To select list SDT data base directory:

  --Type 4.

  --Press <RETURN>.

- Observe that list SDT data base directory flight identification screen appears.

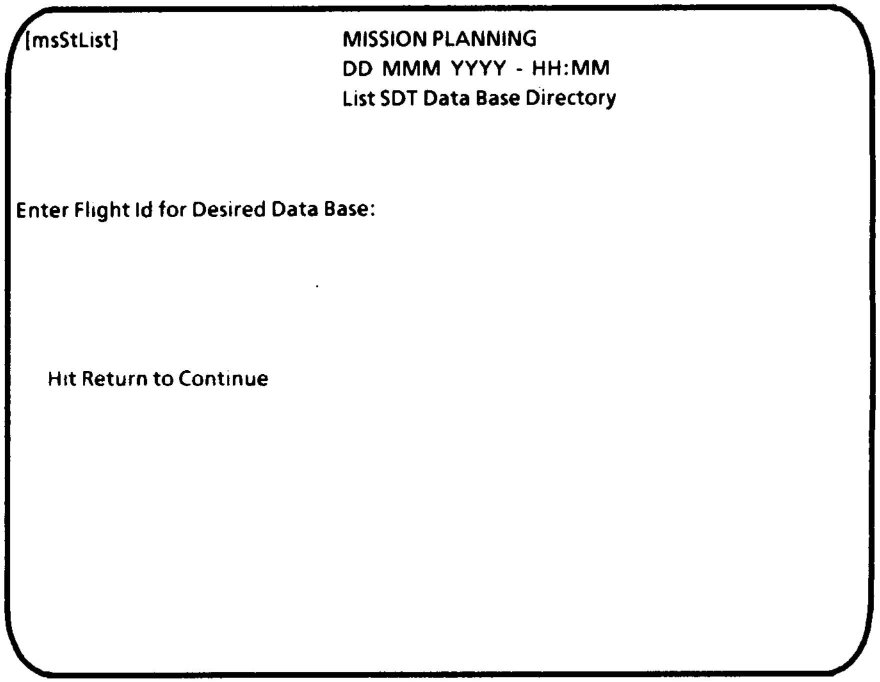
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- LIST SDT DATA BASE DIRECTORY PROCEDURE (Cont.).

LIST SDT DATA BASE DIRECTORY FLIGHT IDENTIFICATION SCREEN

Precedes requested data base or file operation to enable user to enter flight identification number.

DISPLAY



```
[msStList]                  MISSION PLANNING
                            DD MMM YYYY - HH:MM
                            List SDT Data Base Directory


Enter Flight Id for Desired Data Base:




 Hit Return to Continue
```

PROCEDURE

- Enter flight Id for desired data base:

  --Type (<u>Appropriate Flight Id</u>).

  --Press <RETURN>.
- Observe that list data base directory screen appears.

DESCRIPTION

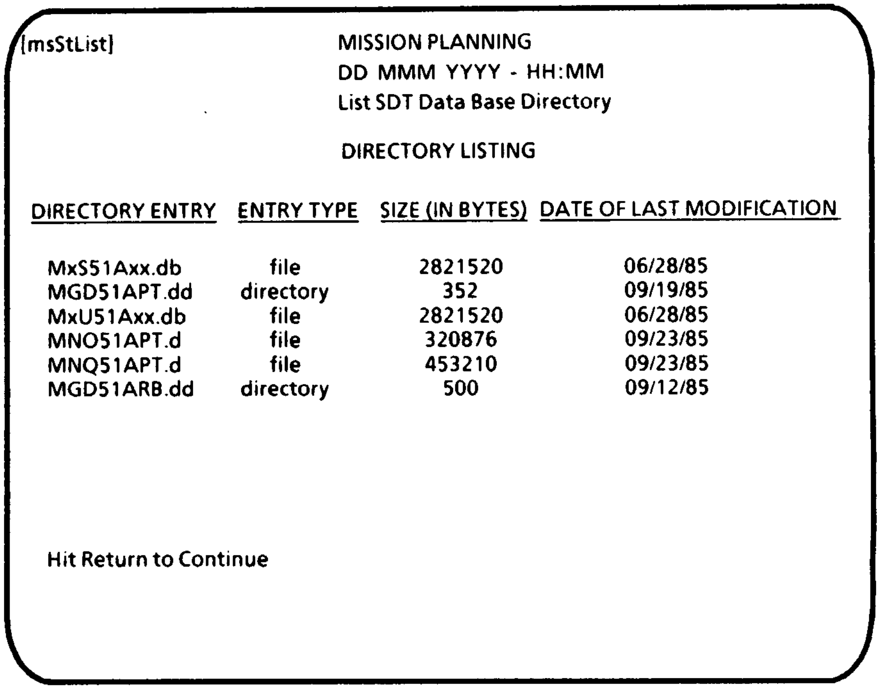
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- LIST SDT DATABASE DIRECTORY PROCEDURE (Cont.).

LIST DATA BASE DIRECTORY SCREEN

Provides a listing of SDT data bases.

To return to DFE user mission planning main menu at any time, press <CTRL> + <U>.

DISPLAY



```
[msStList]                     MISSION PLANNING
                               DD MMM YYYY - HH:MM
                               List SDT Data Base Directory

                                DIRECTORY LISTING

DIRECTORY ENTRY  ENTRY TYPE  SIZE (IN BYTES)  DATE OF LAST MODIFICATION

 MxS51Axx.db       file        2821520          06/28/85
 MGD51APT.dd     directory       352            09/19/85
 MxU51Axx.db       file        2821520          06/28/85
 MNO51APT.d        file         320876          09/23/85
 MNQ51APT.d        file         453210          09/23/85
 MGD51ARB.dd     directory       500            09/12/85




 Hit Return to Continue
```

PROCEDURE

- To return to DFE user mission planning main menu:

  --Press <RETURN>.

- Observe that DFE user mission planning main menu appears on screen.

REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE

CHAPTER 6
MP
PROCEDURES

SECTION 1
GSFC USER
PROCEDURES

SECTION 2
TESTING USER
PROCEDURES

SECTION 3
DFE USER
PROCEDURES

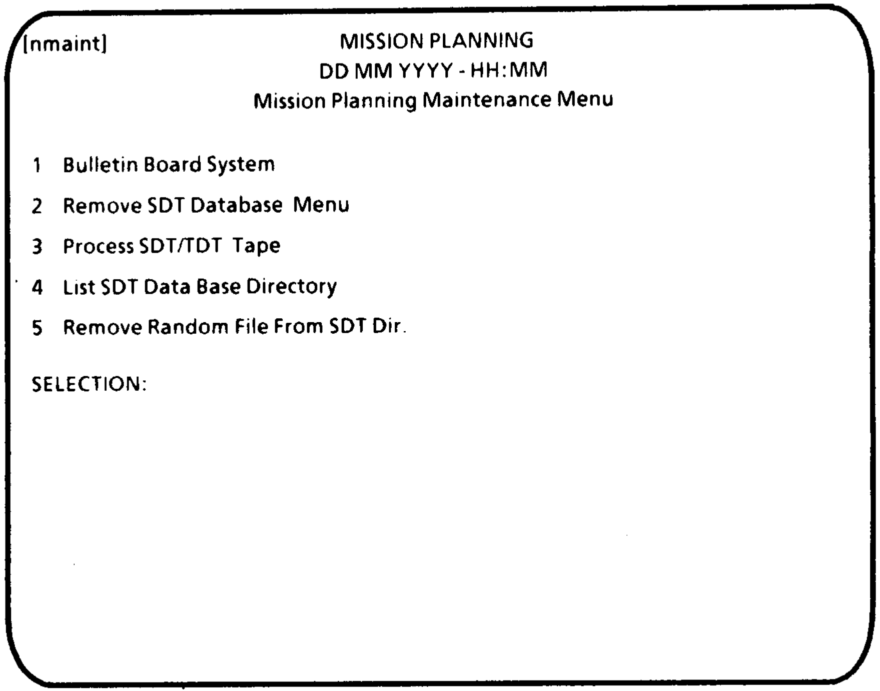
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE.

DFE USER MISSION PLANNING MAIN MENU.

Menu items are selected by number.

DISPLAY



```
[nmaint]                         MISSION PLANNING
                              DD MM YYYY - HH:MM
                        Mission Planning Maintenance Menu

 1  Bulletin Board System
 2  Remove SDT Database  Menu
 3  Process SDT/TDT  Tape
 4  List SDT Data Base Directory
 5  Remove Random File From SDT Dir.

 SELECTION:
```

PROCEDURE

- To select, remove random file from SDT directory:

  --Type 5.

  --Press <RETURN>.

- Observe that remove random file from SDT directory flight identification screen appears.

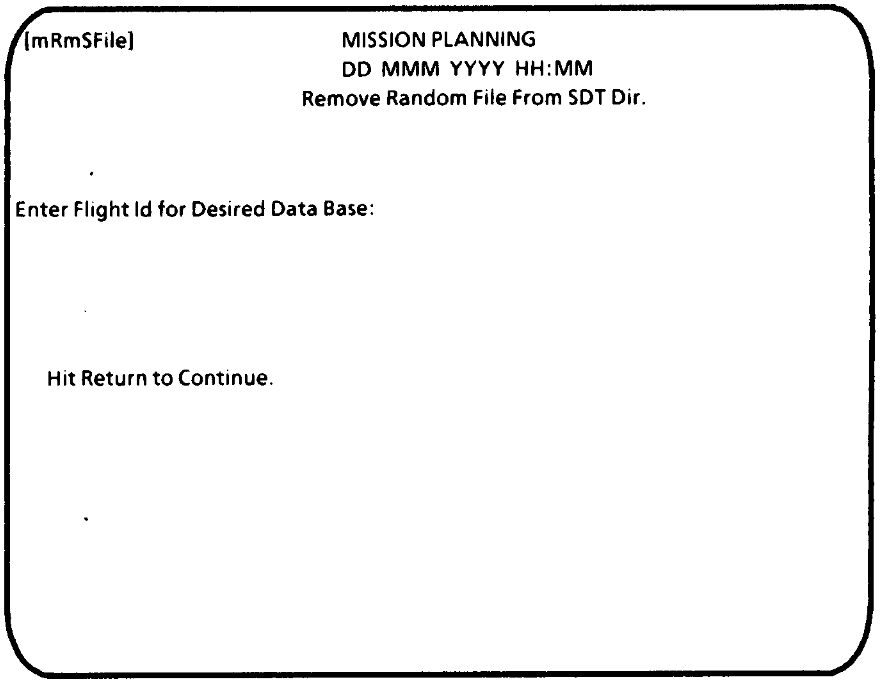
DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.).

  FLIGHT IDENTIFICATION SCREEN.

  Precedes requested database or file operation to enable user to enter flight identification number.

DISPLAY



```
[mRmSFile]                    MISSION PLANNING
                              DD MMM YYYY HH:MM
                        Remove Random File From SDT Dir.

Enter Flight Id for Desired Data Base:

 Hit Return to Continue.
```

PROCEDURE

- Enter flight Id for desired data base:

  --Type (<u>Appropriate Flight Id</u>).

  --Press <RETURN>.
- Observe that remove random file from SDT directory screen appears.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.).

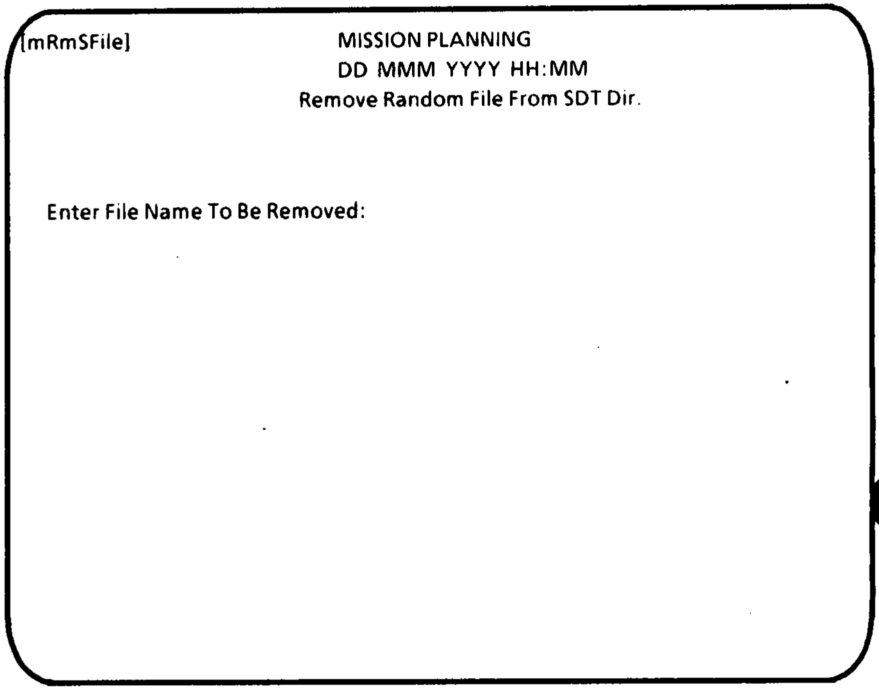
REMOVE RANDOM FILE FROM SDT DIRECTORY SCREEN.

Enables user to enter name of any SDT file that is to be removed.

File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to field asking for name of file to be removed.

User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.

DISPLAY



```
[mRmSFile]                    MISSION PLANNING
                              DD MMM YYYY HH:MM
                          Remove Random File From SDT Dir.

 Enter File Name To Be Removed:
```

PROCEDURE

- Enter name of file to be removed:

  --Type (File Name).

  --Press <RETURN>.

- If applicable conditions are satisfied, requested file is removed from SDT directory. Observe, file removed screen appears.

OR

- If file does not exist or file name is typed wrong, error advisory appears. Observe, remove random file from SDT directory error advisory screen appears.

DESCRIPTION

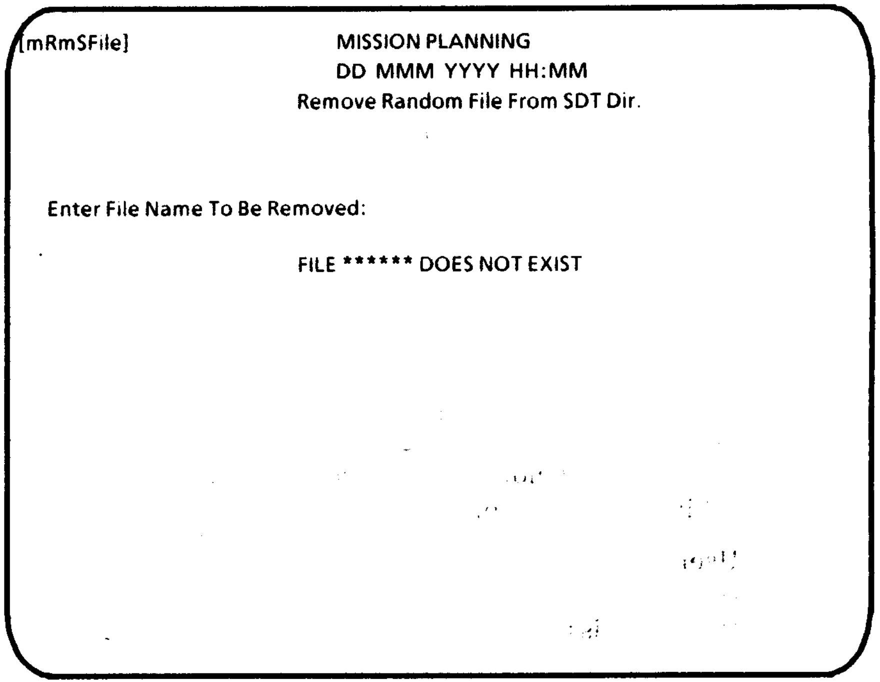
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.).

REMOVE RANDOM FILE FROM SDT DIRECTORY ERROR ADVISORY SCREEN.

File name must be typed exactly as it appears in directory or display screen will return an advisory that file does not exist and return cursor to field asking for name of file to be removed.

Retype name of file or press <CTRL> + <U> to return to main menu.

DISPLAY



```
[mRmSFile]                  MISSION PLANNING
                           DD MMM YYYY HH:MM
                     Remove Random File From SDT Dir.

Enter File Name To Be Removed:

                     FILE ****** DOES NOT EXIST
```

PROCEDURE

- Reenter name of file to be removed:

  --Type (<u>File Name</u>).

  --Press <RETURN>.

- If applicable conditions are satisfied, requested file is removed from SDT directory. Observe file removed screen appears.

OR

- If user does not have proper level of clearance, error advisory appears.
- If file does not exist, return to main menu:

  --Press <CTRL> + <U>.

DESCRIPTION

- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.).

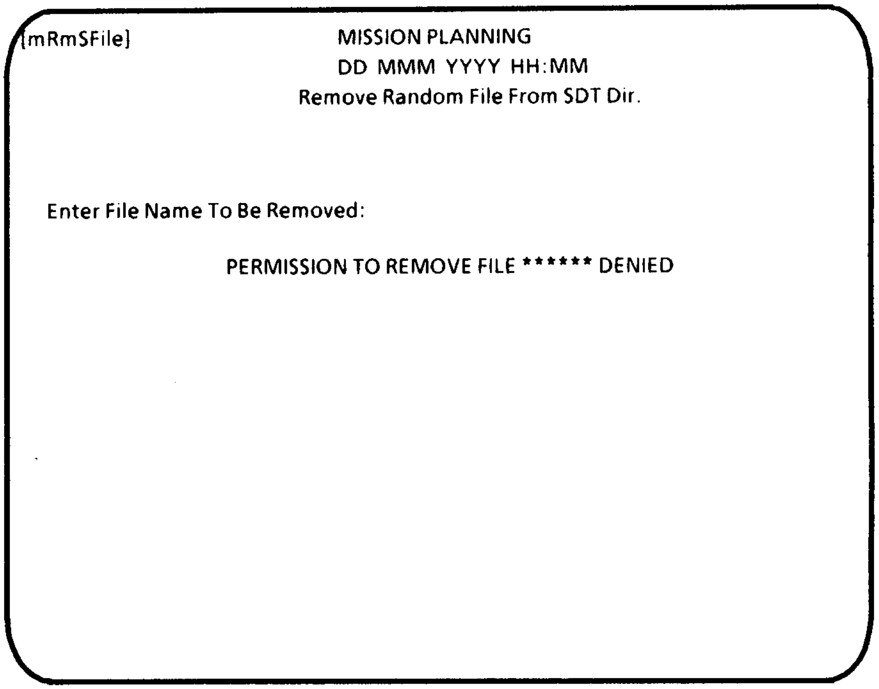
  REMOVE RANDOM FILE FROM SDT DIRECTORY SCREEN.

  User must have appropriate clearance to remove requested file or screen will return an advisory that permission to remove file is denied.

  (User cannot remove data bases, support files, etc. from this screen.)

  User must return to main menu at this point by pressing <CTRL> + <U>.

DISPLAY



```
[mRmSFile]                    MISSION PLANNING
                            DD MMM YYYY HH:MM
                       Remove Random File From SDT Dir.


Enter File Name To Be Removed:

                PERMISSION TO REMOVE FILE ****** DENIED
```

PROCEDURE

- Return to main menu:

  --Press <CTRL> + <U>.

DESCRIPTION

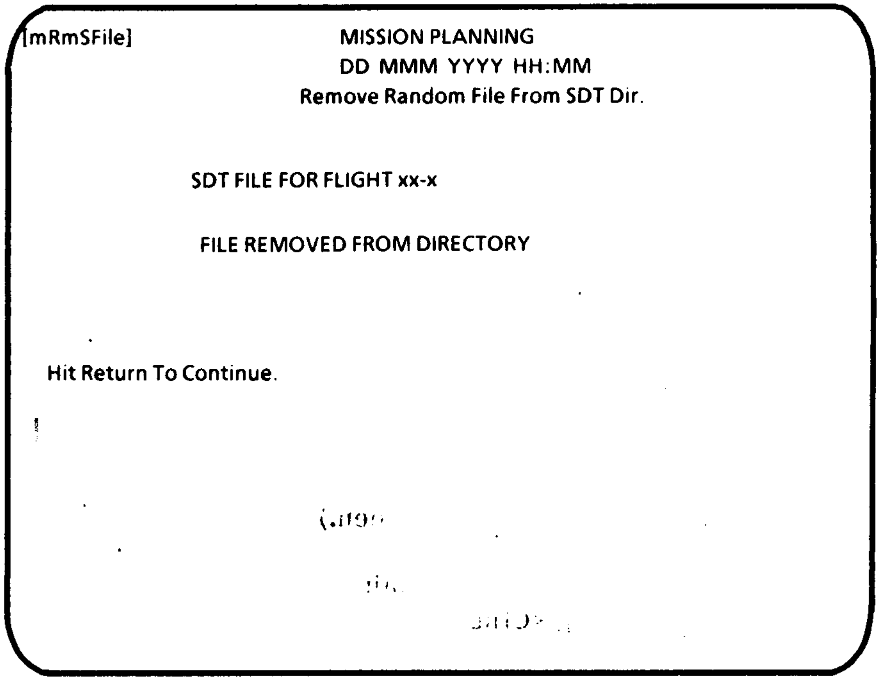
- PROCESS SDT/TDT TAPE PROCEDURES (Cont).
- REMOVE RANDOM FILE FROM SDT DIRECTORY PROCEDURE (Cont.).

  FILE REMOVED SCREEN.

  Confirms that requested file has been removed.

  To return to file management menu, press <RETURN>.

DISPLAY



```
[mRmSFile]                     MISSION PLANNING
                                 DD MMM YYYY HH:MM
                              Remove Random File From SDT Dir.

                    SDT FILE FOR FLIGHT xx-x

                     FILE REMOVED FROM DIRECTORY


Hit Return To Continue.
```

PROCEDURE

- To return to file management menu:

  --Press <RETURN>.
- Observe, file management menu appears on screen.